

Shenyang Bluelight Automatic Technology Co., Ltd

Model Selection Manual for Bluelight Call Board

V4.1.3

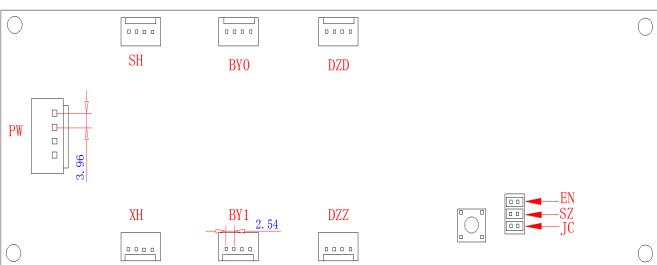
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	Model	BL2	:00	0-HAH-M2.1			mation: ntional supply cycle ntact sale manager f	or confirmation
Туре	of Dot Matrix		Squ	are dot matrix				
Displ	ay Direction			Vertical		_		
Dime	nsions of PCB	15	0mr	m*65mm*23mm			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	500 100 100 100 100 100 100 100 100 100
Dimensions of	Installation Baseboard	18	6mr	m*70mm*27mm				3
LED Pilot	Lamp (Optional)		L	eft & Right			200 and 1	
			Inf	formation for similar	type			
	Model			Display C			РСВ С	olor
В	L2000-HAH-M2.1 A/B			Red/Ora	nge		Gree	en
F	R2000-HAH-V9.2 A/B			Red/Ora			Blac	ck
		Termin	al d	efinition and functio	n descri		· · · · ·	
Terminal	Terminal specifications	Function		1	1	2 Pin 0	efinition 3	4
PW	3 96-4 180°	Power & Communication		24V		GND	CANH	CANL
SH	2.54-4 180°	Up call button		Up call answer(SD)		24V	24V	Up call input(SH)
ХН	2.54-4 180°	Down call button		Down call answer(XD)	24V		24V	Down call input(XH)
BYO	2.54-4 180°	Serial parking inp	ut	Standby answer		24V	24V	Serial parking input(DS)
BY1	2.54-4 180°	Serial fire input		Standby answer	Standby answer 2		24V	Serial fire service input(XF)
DZD	2.54-4 180°	Arrival lamp output		Up arrival lamp output(SDZ)		n arrival lamp utput <mark>(XDZ)</mark>	GND	24V
DZZ		Arrival bell output		Arrival bell output(DZZ)		Unused	GND	24V
S1	2.54-2 180°	Serial communica terminal resistor jumper (on board		Short jumper to connect serial communication terminal resistor.				
SZ	/ 5Δ-/ TXU-	Address Setting Jumper		Refer to Appendix A	.1 for de	etails.		
AN		Address Setting ke	Эу	Refer to Appendix A	.1 for de	etails.		
LED Pilot Lamp Display		Default setting: Left for User Right for Full load		These LEDs can be v	ariously	configured. R	efer to Appendix B.1 for	details.
JC.EN	7.54-7.18U°	Function Setting Jumper		Refer to Appendix B	.1 for de	•	wer on, enter the funct	ion setting mode.
2		<u> </u>	Ter	minal connection dia		2)/4	270	5
SH	XH			BY0		3Y1 -	DZD	DZZ
SD 240	OX V42		1	24V V V V V V V V V V V V V V V V V V V	10 20	x X X	SDZ T 20 S OND 5 40 V42 40 V42	DZZ 010 0 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Note: The square b	oond pad of foot pins on	terminal's back is	No.:	1. To the other side,	hey are	No.2, No.3 an	d No.4 in sequence.	

Shenyang Bluelight Automatic Technology Co.,Ltd **BL2000-HAH-M2.1** Dimensional Drawing Unit: mm 13.5 Dimensional Drawing of the front Dimensional Drawing of side



Dimensional Drawing of the back

Note: Dimensions of installation baseboard refer to Appendix C for details.

Model			BL2000-HAI	H-B9.1		Order Info		tact sale manager for	
Type of Dot M	atrix		Round dot m	atrix				marethiane •	
Display Direct	tion		Vertical					10 10 10 10 10 10 10 10 10 10 10 10 10 1	
Dimensions of	РСВ		150mm*65mm	*23mm		2. 14.			
Dimensions of Installati	on Baseboard		186mm*70mm	*27mm		2 Mark 12			
LED Pilot Lamp (O	ptional)		Left & Rigi	ht		aces (
			Informatio	on for similar type					
Mo	odel		Model				Мо	del	
ВL2000-Н	AH-B9.1 A			Red			Gre	een	
			Terminal definition and function description						
	Terminal					Pin de	efinition		
Terminal	specifications		Function	1		2	3	4	
PW	3.96-4 180°	Power	& Communication	24V		GND	CANH	CANL	
SH	2.54-4 180°	Up call	button	Up call answer(SD)		24V	24V	Up call input(SH)	
ХН	2.54-4 180°	Down o	call button	Down call answer <mark>(XD)</mark>	24V		24V	Down call input(XH)	
BY0	2.54-4 180°	Serial p	parking input	Standby answer	24V		24V	Serial parking input(DS)	
BY1	2.54-4 180°	Serial f	ire input	Standby answer	24V		24V	Serial fire service input(XF)	
DZD	2.54-4 180°	Arrival	lamp output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lamp output(XDZ)		GND	24V	
DZZ	2.54-4 180°		bell output	Arrival bell output(DZZ)	l IIni		GND	24V	
S1	2.54-2 180°		ommunication al resistor jumper (on	Short jumper to con	jumper to connect CAN communication terminal resistor.				
SZ	2.54-2 180°	Addres	s Setting Jumper	Refer to Appendix A	.1 for d	etails.			
AN		Addres	s Setting key	Refer to Appendix A	.1 for d	etails.			
LED Pilot Lamp Display		Left for	setting: User or Full load	These LEDs can be v	ariously	configured	. Refer to Apper	ndix B.1 for details.	
JC, EN	2.54-2 180°	Functio	on Setting Jumper	mode. Refer to Appe				er the function setting	
			I	onnection diagram		I			
SH	XH		BY0	BY1			DZD	DZZ	
SS 24V 1D 20 30 40	24V Z 24V Z 24V Z 24V	40 10 20 30 40 10 20 30 40 10 20 30 40		10 20 30 40		10 20 ZOS	GND 62 24V 45	DZZ	
Note: The square bond p	pad of foot pins o	n termina	al's back is No.1. To the	other side, they are	No.2, N	lo.3 and No.	4 in sequence.		

BL2000-HAH-B9.1 Dimensional Drawing 00000 00000 00000 00000 00000 00000 00000 150 46.5 00000000000 00000000000 00000000000 00000000000 00000000000 00000000000 00000000000 40 64 Dimensional Drawing of the front Dimensional Drawing of side 0000 0000 SHBY0 DZD □ □ PW BY1 <u>2. 54</u> XHDZZ

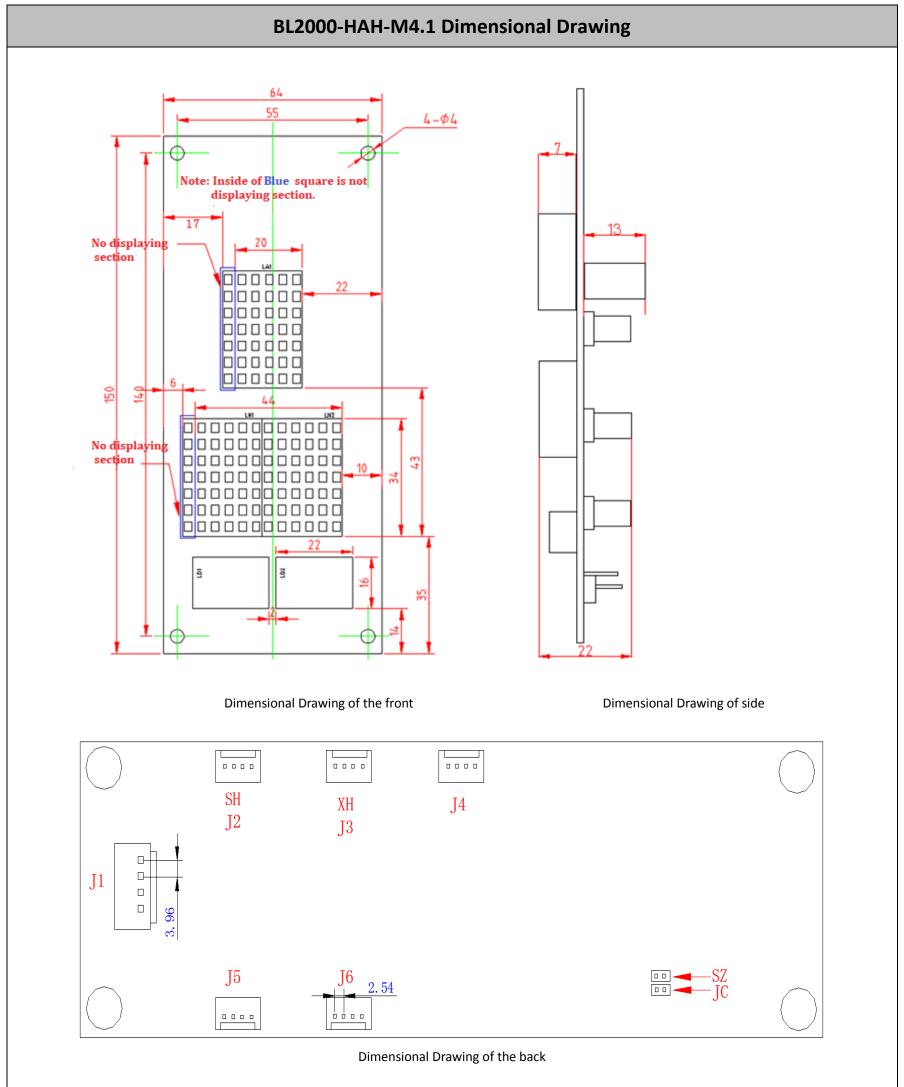
Dimensional Drawing of the back

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Note: Dimensions of installation baseboard refer to Appendix C for details, figure 1.

0000

Model			BL20	000-HAH	I-M4.1		Order Info		Contact	sale manager for
Type of Dot M	atrix		S	quare dot m	atrix			3.88		000 May 441
Display Direct	ion			Vertical				:::::::::::::::::::::::::::::::::::::::		
Dimensions of	РСВ		150	mm*65mm'	*23mm					
Dimensions of Installation	on Baseboard		186	mm*70mm	*27mm					
LED Pilot Lamp (O	ptional)			Left & Right				2201		
222 (100 2411) (0	F							•		
Mc	odel	Information for similar type Model							Model	
	H-M4.1 A/B	Red/Orange							Green	
	V9.1 A/B		Red/Orange						Green	
	•	Terminal definition and function description				ription				
Terminal	Terminal	Function					Pin d	efinition		
remina	specifications	S		,,,,	1		2	3	3	4
J1	3.96-4 180°	Power	& Commur	nication	24V		GND	CAI	NH	CANL
J2	2.54-4 180°	Up call	button		Up call answer(SD)	24V		24	V	Up call input(SH)
13	2.54-4 180°	Down o	call button		Down call answer(XD)	24V		24	₽V	Down call input(XH)
J4	2.54-4 180°	Serial p	arking inp	ut	Standby answer	24V		24	·V	Serial parking input(DS)
J5	2.54-4 180°	Arrival	lamp outp	ut	Up arrival lamp output A(SDZ-A)	Up arrival lamp output B(SDZ-B)		Down arr output A	•	Down arrival lamp output B(XDZ-B)
J6	2.54-4 180°	Arrival	bell outpu	t	Arrival bell output A(DZZ-A)	Arrival bell output B(DZZ-B)		GN	ID	24V
S1	2.54-2 180°		ommunica al resistor j		Short jumper to cor	hort jumper to connect CAN communication terminal resistor.				tor.
SZ	2.54-2 180°	Addres	s Setting Ju	umper	Refer to Appendix A	A.1 for d	etails.			
AN		Addres	s Setting k	еу	Refer to Appendix A	A.1 for d	etails.			
平面管指示灯显示		Left for	setting: User or Full load		These LEDs can be v	variously	configured	. Refer to A	ppendix B	.1 for details.
JC	2.54-2 180°	Functio	on Setting J	umper	Short JC, after power button and down car function setting mo Appendix B.1 for de	all butto de. Mar	n at the san	ne time, aft	er 2 secon	ds enter the
_		Terminal connection diagram								
J2		J3			J4		J5			J6
SD 20 40 OND 8 OND							30 44 8Z0X 30 8Z0X 10 8Z0X		1 4220	0 20 30 40 OND
Note: The square bond p	oad of foot pins	on termina	al's back is	No.1. To the	other side, they are	No.2, N	lo.3 and No	.4 in seque	nce.	



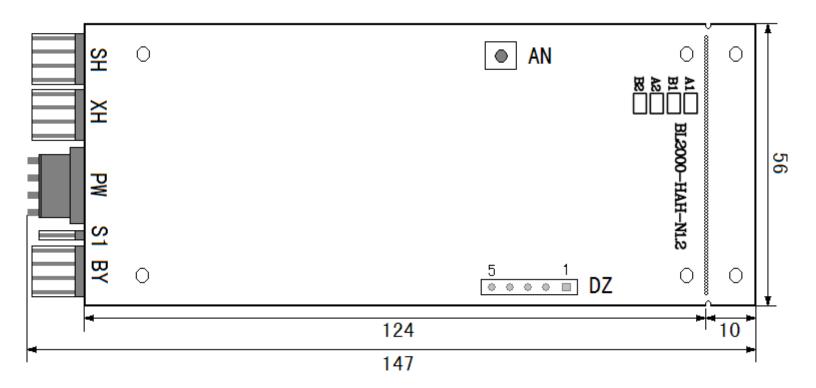
Note: Dimensions of installation baseboard refer to Appendix C for details, figure 1.

Мо	del	BL2000	-HAH-N1.2		Order Information: A1-Conventional supply cycle B1/A2/B2- Contact sale manager for confirmation				
Type of D	ot Matrix	Round dot matr	rix/ Square dot matrix					PACCO-HAM-NAS	
Display [Direction	\	/ertical						
Dimensio	ns of PCB	147mm*!	56mm*8.5mm		999	0000			
Dimensions o		No installa	ation baseboard		EEE				
LED Pilot Lan	np(optional)	Lef	t & Right						
			Information for simila						
	Model			Displa	y Color			PCB Color	
BL20	000-HAH-N1.2 A1/		Red square dot n	natrix /				Green	
		Termir	nal definition and functi	ion desc	•				
Terminal	Terminal	Function			Pin def	finition			
	specifications		1		2		3	4	
PW	3.96-4 90°	Power & Communication	24V		GND	C	CANH	CANL	
SH	2.54-4 90°	Up call button	Up call answer(SD)		24V		24V	Up call input(SH)	
хн	2.54-4 90°	Down call button	Down call answer(XD)		24V		24V	Down call input(XH)	
ВУ	2.54-4 90°	Serial input port	24V		erial parking input <mark>(DS)</mark>		24V	Serial fire input(XF)	
			1-24V	1	p arrival lamp utput <mark>(SDZ)</mark>		arrival lamp out(XDZ)	4-Arrival bell output(DZZ)	
DZ	2.54-5 90°	Arrival signals output	5-GND						
S1	2.54-2 90°	CAN communication terminal resistor jumper(on board)	Short jumper to connect CAN communication terminal resistor.					resistor.	
EN	2.54-2 90°	Address Setting Jumper		Re	fer to Appendix	A.1, A.2 fc	or details.		
AN		Address Setting key		Re	fer to Appendix	A.1, A.2 fc	or details.		
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs	can be	variously configu	ıred. Refeı	r to Appendix	B.1 for details.	
JC.EN	2.54-2 90°	_	Short JC and EN at the Appendix B.1 for detail		me, after power	on, enter	the function	setting mode. Refer to	
	Terminal connection diagram								
S	Н	XH			BY			DZ	
S 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	75 HS	0X 42 V42 V42 V42 V42 V42 V42 V42 V42 V42	40	1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 - 2 - 3 - 4 -		SDZ 24V 1 SDZ 202 0 2 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
	oond pad of foot pi	ns on terminal's back is N	No.1. To the other side,	they ar	e No2, No3 and	No.4 in se	quence.		

BL2000-HAH-N1.2 Dimensional Drawing Unit: mm 56 56 44 44 Ф + 1.6 10 12 10 12 4 4 € 0 00000 \bigcirc 00000 00000 00000 32 32 16.5 16.5 00000 00000 23 23 00000 00000 124 109 124 109 5 00000 00000 00000 00000 00000 00000 00000 100000 00000|00000 20 2 20 20 2 20 Φ4 Φ4 ₩ ₩ BY S1 PW XH SH BY S1 PW XH SH BL2000-HAH-N1.2 A2 / BL2000-HAH-N1.2 B2 BL2000-HAH-N1.2 A1/BL2000-HAH-N1.2 B1

Dimensional Drawing of the front

Dimensional Drawing of side

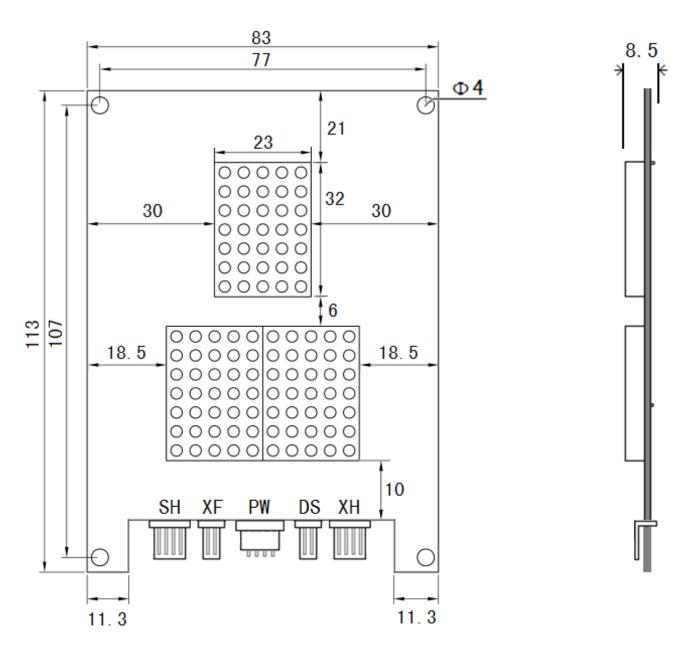


Dimensional Drawing of the back

Model	E	BL2000-HAH-N	N5	Order Informati	tion: Co		e manager for		
Type of Dot Matrix		Round dot matrix		· · · · · · · · · · · · · · · · · · ·		(Co.0.0)	新聞報信報等 章 保育記。 ● ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・		
Display Direction		Vertical							
Dimensions of PCB	1:	13mm*83mm*8.5							
Dimensions of Installation Baseboard	N	o installation basebo				RANGO SERVA DO D			
LED Pilot Lamp		None		•	•		रण्य ।		
Information for similar type									
	Model			play Color		F	PCB Color		
BL2	2000-HAH-N5- A/B			d /Orange			Green		
		Terminal	definition and function	•					
Terminal	Terminal	Function		Pin defi					
	Specifications		1	2	3		4		
PW	3.96-4 90°	Power & Communication	24V	GND	CAN	NH	CANL		
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24	V	Up call input(SH)		
ХН	2.54-4 90°	Down call button	Down call answer(XD)	24V	24	V	Down call input(XH)		
DS	2.54-2 90°	Serial parking input	24V	Serial parking input(DS)					
XF	2.54-2 90°	Serial fire service input	24V	Serial fire service input(XF)					
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor.						
SZ	2.54-2 90°	Floor Address Setting Jumper		Refer to Appendix	A.1 for de	etails.			
AN		Floor Address Setting key		Refer to Append	ix A.1 for d	details.			
JC,EN	2.54-2 90°		Short JC and EN at the to Appendix B.1 for de	same time, after power tails.	on, enter	the functio	on setting mode. Refer		
Terminal connection diagram									
S	Н		XH	DS			XF		
2									
Note: The square bond	Note: The square bond pad of foot pins on terminal's back is No.1. To the other side, they are No2, No3 and No.4 in sequence.								

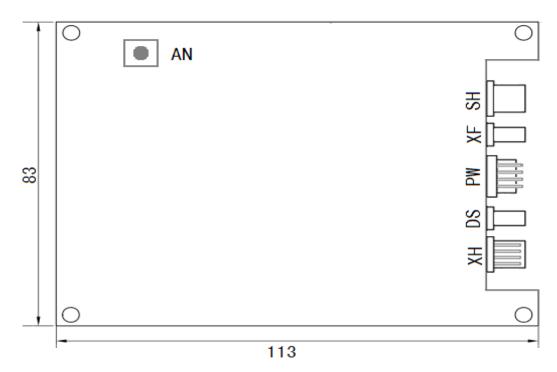
BL2000-HAH-N5 Dimensional Drawing

Unit: mm



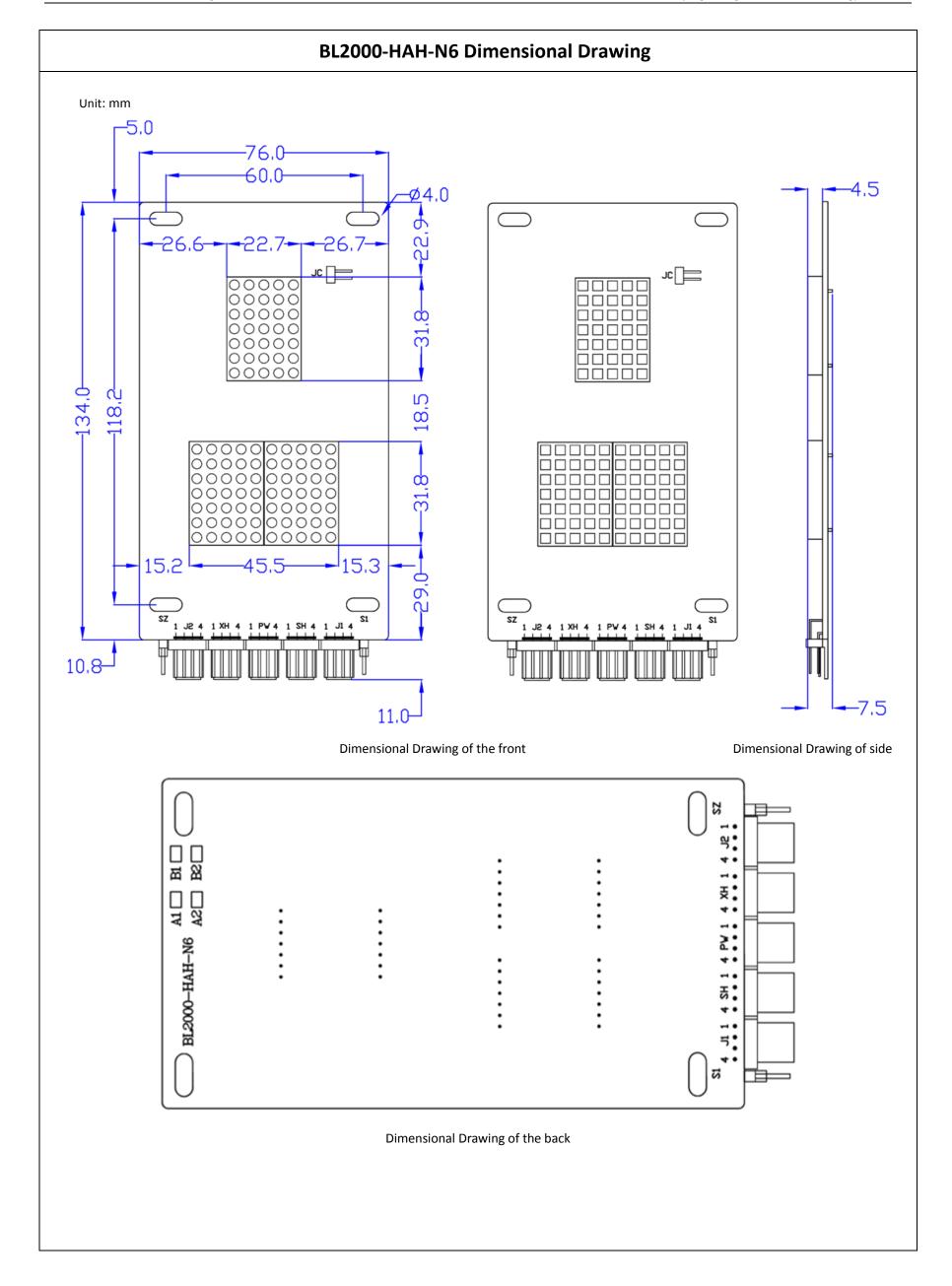
Dimensional Drawing of the front

Dimensional Drawing of side



Dimensional Drawing of the back

Model		BL2000-H	IAH-N6		Order Information: A2-Conventional supply cycle A1/B1/B2- Contact sale manager for confirmation				
Type of Dot Matrix	Ro	ound dot matrix/ S	quare dot matrix				BL2000-HAH-N6 A1 B1 B1 B2		
Display Direction		Verti	cal						
Dimension of PCB		134mm*76m	nm*7.5mm						
Dimension of Installation Baseboard		No installation	baseboard						
LED Pilot Lamp		Non	e		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Parties and the p		
			Information for simi	ilar type					
Model Display Color PCB Color									
BL2000-HA	.H-N6- A1/B1/A2		Red square dot matri	x /Orange round dot ma x /Orange square dot ma			Green		
		Terr I	minal definition and fund	·					
Terminal	Terminal Specifications	Function	1	Pin def 2		3	4		
PW	2.54-4 90°	Power & Communication	24V	GND		NH	CANL		
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24	4V	Up call input(SH)		
ХН	2.54-4 90°	Down call button	Down call answer(XD)	24V	24	4V	Down call input(XH)		
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24	4V	Serial fire input(XF)		
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(<mark>SDZ)</mark>	Down arrival lamp output(XDZ)	•				
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short ju	imper to connect CAN co	ommunicati	ion terminal	resistor.		
SZ	2.54-2 90°	Address Setting Jumper		Refer to Appendix A	A.1, A.2 for	details.			
JC	2.54-2 90°	Checking Function Jumper	Sh	ort JC, after power on, e	nter the sel	lf-checking n	node.		
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ at the sa Appendix B.1 for details	ame time, after power o	n, enter the	e function se	tting mode. Refer to		
			Terminal connection		1				
SH			XH	J1			J2		
10 20 30 40 98 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8									
Note: The square bond	pad of foot pins	on terminal's back	is No.1. To the other sid	le, they are No2, No3 and	d No.4 in se	equence.			



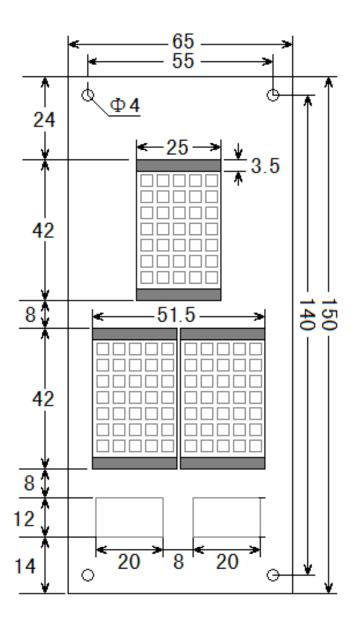
	Model	Model BL2000-HAH-N7							Order Information: Contact sale manager for confirmation					
Ту	pe of Dot Matrix		Rour	nd dot matrix	<pre>s/ Square dot</pre>	matrix				90.8				
D	isplay Direction			Ve	rtical					BI2000-HAH-N7 AI BI DI AI BI DI				
Di	imension of PCB		(The thicknes		4mm*19mm	ninals of 11m	um)							
Dime	nsion of Installat Baseboard	ion	(The unckness		ion baseboar) 							
1	LED Pilot Lamp			N	one									
					Information	n for similar ty	type							
	Mode	el				Display Co	olor			PCB Col	or			
E	BL2000-HAH-N7-	A1/B1,	/A2/B2			t matrix /Orai t matrix /Orai	_			Greer	1			
				Termin	nal definition	and function	description							
Terminal	Terminal		Function				Pin de	finition						
Terrima	Specifications		runction	1	2	3	4	5	6	7	8			
P1	ZH-WT-8A	Up	&down call button	24V	Up call input (SH)	Up call answer (SD)	24V	24V	Down ca answer (XD)	Down call input (XH)	24V			
P2	ZH-WT-2A	Serial	l parking input	Serial parking input (DS)	24V									
Р3	ZH-WT-2A	Ser	ial fire input	Serial fire input (XF)	24V									
P4	3.96-4 180°		Power & nmunication	24V	GND	CANH	CANL							
P5	ZH-WT-4A	Ar	rival signals output	Up arrival lamp output (SDZ)	Down arrival lamp output XDZ)	OUTDUT	GND							
J5	2.54-3-90°	tern	communication ninal resistor per (on board)	Short ON	l jumper to c	onnect CAN c	ommunicatio	on terminal re	esistor.	•				
SET		Add	dress Setting button	Refer to	Appendix A.1	., A.2 for deta	ils.							
JC	2.54-2-90°	Chec	king Function Jumper	Short JC,	after power	on, enter the	self-checkin	g mode, refer	to the use	r manual.				
					Terminal cor	nnection diag	ram							
	P1 P2 P3 P5													
	Note: Terminal P1, P2, P3 and P5 are of				DS 1 24V 0			1 2 XAX		1 2 ZOX	4 QND			
Note:	Terminal P1, P	2, P3 a	and P5 are of	ZH-WT ser	ies.									

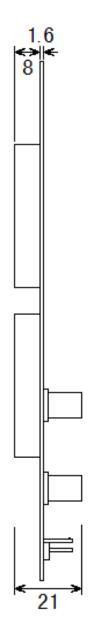
BL2000-HAH-N7 Dimensional Drawing Unit: mm 74.0 60.0 -7.5 16.0 0 0 -22.7 -31,8 -31.8 - 10.4157,0-14.2 45.6 65,8 BL2000-HAH-N7 A1 / BL2000-HAH-N7 B1 BL2000-HAH-N7 A2 / BL2000-HAH-N7 B2 Dimensional Drawing of the front Dimensional Drawing of side 0 0 0 0 Dimensional Drawing of the back Schematic diagram of ZH-WT series terminals

Мо	del	BL20	00-HAH-C9	Red: Con		supply cycle le manager f	or confirmation	
Type of D	ot Matrix	Squa	are dot matrix		O PA		nomes and and and and and and and and and and	
Display D	Direction		Vertical					
Dimensio	ns of PCB	150mm	*65mm*21mm					
Dimensions of Insta	allation Baseboard	186mn		The state of the s				
LED Pilot Lan	np (optional)	Le	ft and right		5 6 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8			
			Information for sim	ilar type				
	Model		Display Color				Color	
BL20	00-HAH-C9 A/B	To	Red/Orange	rtion description		Gre	een	
	Terminal	rer	minal definition and fun		Pin definitior	า		
Terminal	Specifications	Function	1	2	- III deliiiidoi	3	4	
PW	3.96-4 180°	Power & Communication	24V	GND		CANH	CANL	
SH	2.54-4 180°	Up call button	Up call answer(SD)	24V		24V	Up call input(SH)	
ХН	2.54-4 180°	Down call button	Down call answer(XD)	24V		24V	Down call input(XH)	
BYO	2.54-4 180°	Serial parking inpu	t Standby answer	24V		24V	Parking(DS)	
BY1	2.54-4 180°	Serial fire input	Standby answer	24V		24V	Fire(XF)	
DZD	2.54-4 180°	Arrival lamp outpu	t Up arrival lamp output(SDZ)	Down arrival la output(XDZ)	•	GND	24V	
DZZ	2.54-4 180°	Arrival bell outpu	Arrival bell output(DZZ)	Unused		GND	24V	
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board		ort jumper to connect CAN communication terminal resistor.				
SZ	2.54-2 180°	Address Setting Jumper		Refer to A	ppendix A.1	for details.		
AN		Address Setting key-press		Refer to A	ppendix A.1	for details.		
LED Pilot Lamp Display		Default setting: Used for the left, Full load for the right	These LEDs	can be variously o	configured. R	Refer to Append	dix B.1 for details.	
JC,EN	2.54-2 180°	Function Setting Jumper	Short JC and EN a		ofter power of the		unction setting mode.	
			Terminal connection	diagram				
SH	ХН		BY0	BY1	D	ZD	DZZ	
20 30 40 S 240 S 240 S 240	X X X X X X X X X X X X X X X X X X X	<u> </u>	24V DS	74 Z 4V Z X X X X X X X X X X X X X X X X X X	10 ZOX	GND © 14/0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 20 30 40 A\$2	
Note: The square b	oond pad of foot pin	s on terminal's bac	k is No.1. To the other side	de, they are No2, I	No3 and No.4	4 in sequence.		

BL2000-HAH-C9 Dimensional Drawing

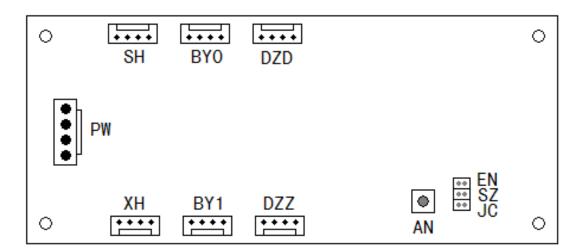
Unit: mm





Dimensional Drawing of the front

Dimensional Drawing of side



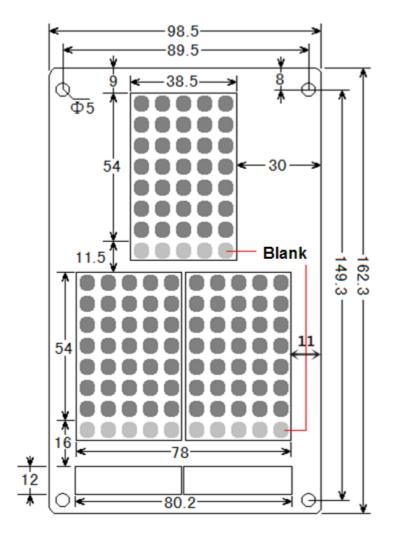
Dimensional Drawing of the back

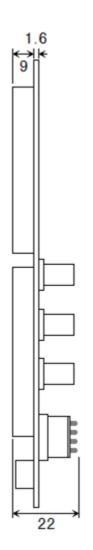
Note: Refer to the fig.1 in Appendix C for the dimensions of installation baseboard.

Model		BL2000	-НАН-Е9.1	Order Information	n: A-Conventional sup B-Contact sale mana	ply cycle ager for confirmation		
Type of Dot Mat	trix	Round	dot matrix	•	•••••••••••••••••••••••••••••••••••••••	27117		
Display Direction	on	V	ertical		*			
Dimensions of P	СВ	162.3mm*9	98.5mm*22mm	vee ort				
Dimensions of Installation	n Baseboard	No installa	tion baseboard			and is		
LED Pilot Lam	p	Left	and right	•	317			
	·		Information for	similar type				
Mod	lel		Display Co	olor	PCI	B Color		
BL2000-HAF	I-E9.1 A/B		Red/Orar	nge	G	Green		
		Te	rminal definition and	function description				
Terminal	Terminal	Function		ı	Pin definition			
Terminai	Specifications	Function	1	2	3	4		
PW	3.96-4 180°	Power & Communication	n 24V	GND	CANH	CANL		
SH	2.54-4 180°	Up call buttor	Up call answer(SD)	24V	24V	Up call input(SH)		
ХН	2.54-4 180°	Down call button	Down call answer <mark>(XD)</mark>	24V	24V	Down call input(XH)		
BY0	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)		
BY1	2.54-4 180°	Serial fire inpu	standby answer	24V	24V	Serial fire input(XF)		
DZD	2.54-4 180°	Arrival lamp output	Up arrival lamp output <mark>(SDZ)</mark>	Down arrival lam output(XDZ)	np GND	24V		
DZZ	2.54-4 180°	Arrival bell output	Arrival bell output(DZZ)	Unused	GND	24V		
S1	2.54-2 180°	CAN communicatio terminal resist jumper (on board)		onnect CAN communio	cation terminal resistor.			
SZ	2.54-2 180°	Address Settin Jumper	Refer to Appendix	A.1 for details.				
AN		Address Settin key-press	Refer to Appendix	A.1 for details.				
LED Pilot Lamp Display		Default setting Used for the left, Full load fo the right	These I FDs can be	e variously configured.	Refer to Appendix B.1 fo	r details.		
JC,EN	2.54-2 180°	Function Settin Jumper	Short JC and EN at Refer to Appendix		power on, enter the func	tion setting mode.		
			Terminal connec					
SH	XH		BY0	BY1	DZD	DZZ		
98 45 45 45 45 45 45 45 45 45 45 45 45 45		<u> </u>	20 30 40 DS	10 20 30 40 X+ X Y+ X	SDZ 1- XDZ 70- GND 60- GND 60- C4V 7- C4V 7-	DZZ		
Note: The square bond p			L		No3 and No.4 in sequence	2.		

BL2000-HAH-E9.1 Dimensional Drawing

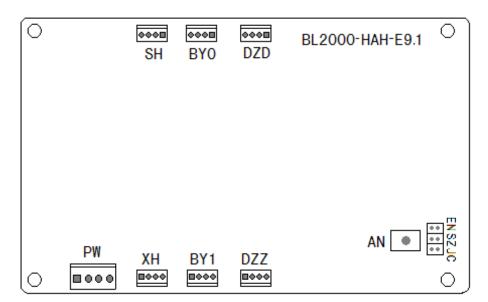
Unit: mm





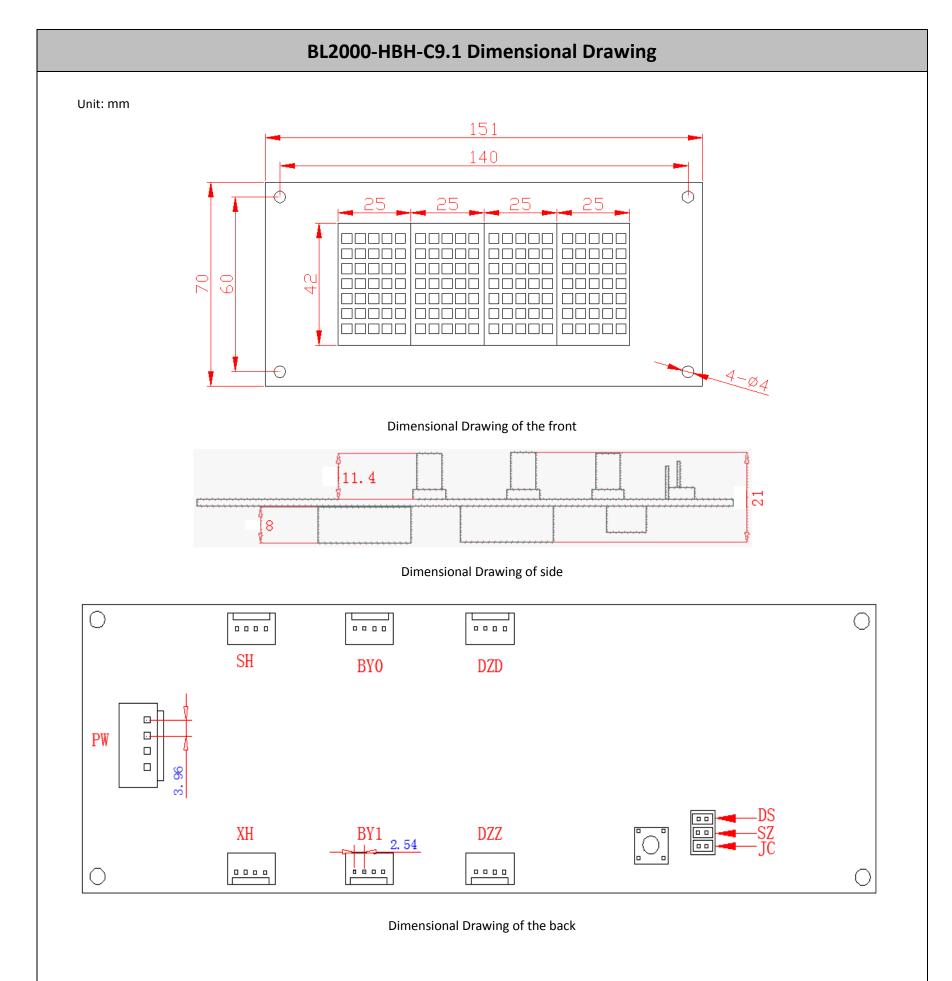
Dimensional Drawing of the front

Dimensional Drawing of side

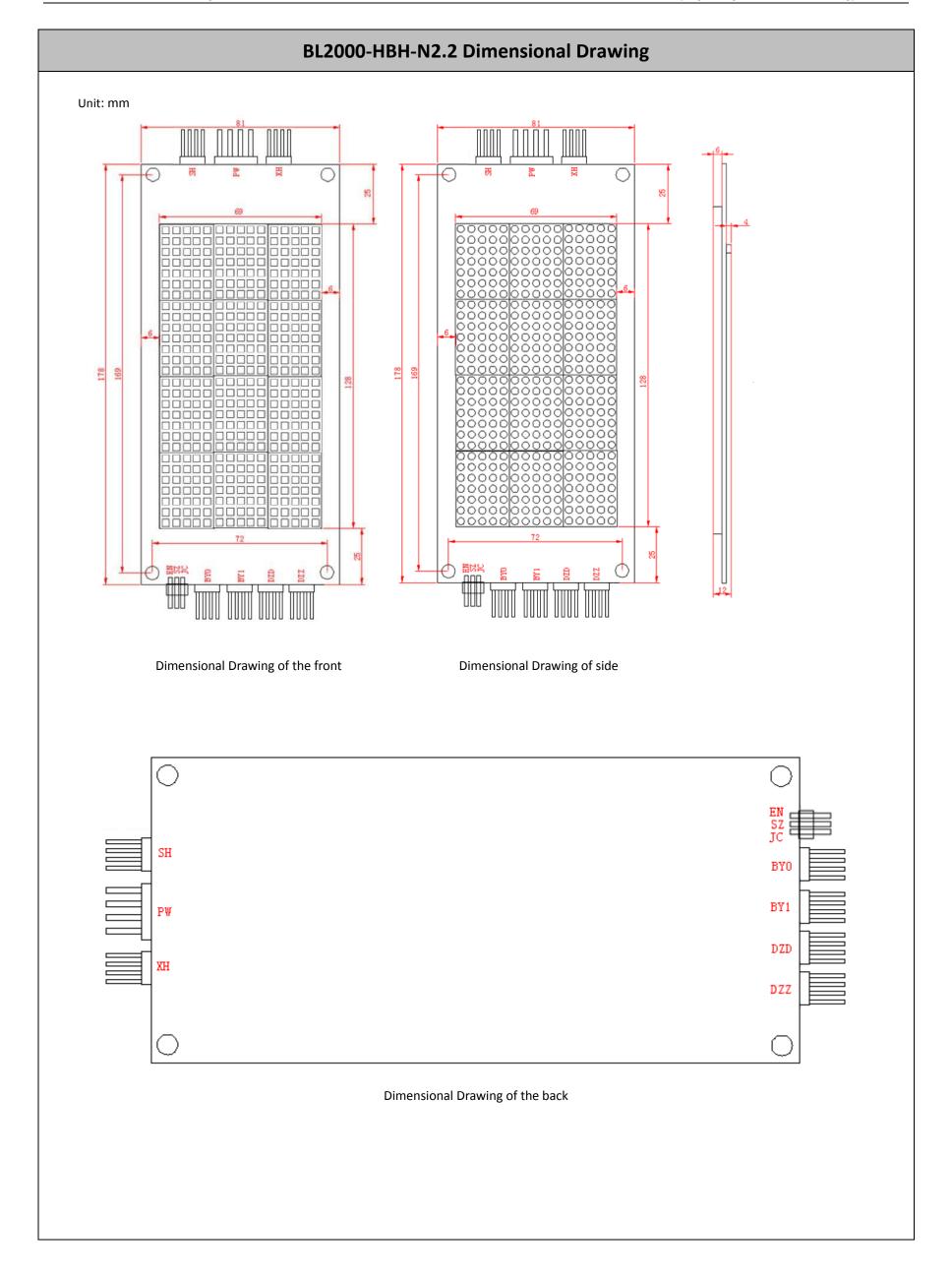


Dimensional Drawing of the back

Model		В	L2000	D-HBH-C9.1			nvent	tional supply cyc	le er for confirmation
Type of Dot N	Лatrix		Squar	e dot matrix		1	(M)413	ncno)	CCC H960
Display Dire	ction		Н	orizontal					# # # # # # # # # # # # # # # # # # #
Dimensions o	of PCB	7	0mm *1	151mm*21mm				OBOSI -	AGE COGE O
Dimensions of installa	tion baseboard	N	lo install	ation baseboard		a a			
LED Pilot La	атр			None					+C9.1 - 100 100
		Information for similar ty				/pe			
N	lodel			Display Colo	r			PCB	Color
BL2000-H	BH-C9.1 A/B			Red/Orange				Gr	reen
FJ-HPI	-V9.1 A/B	Red/Orange					Gr	reen	
Terminal definition and function description									
Terminal Function Pin definition									
Terrima	Specifications			1		2		3	4
PW	3.96-4 180°	Powe Commun		24V		GND		CANH	CANL
SH	2.54-4 180°	Up call b	utton	Up call answer(SD)		24V		24V	Up call input(SH)
ХН	2.54-4 180°	Down call	button	Down call answer(XD)	24V		24V	Down call input(XH)
BY0	2.54-4 180°	Serial parki	ng input	Standby answer		24V		24V	Parking(DS)
BY1	2.54-4 180°	Serial fire	input	Standby answer		24V		24V	Fire(XF)
DZD	2.54-4 180°	Arrival lam	p output	Up arrival lamp output(SDZ)	D	Down arrival la output(XDZ)		GND	24V
DZZ	2.54-4 180°	Arrival bel		Arrival bell output(DZZ)		Unused		GND	24V
S1	2.54-2 180°	communi terminal r jumper (or	cation esistor	Short jumper to conn	ect C	CAN communio	cation t	terminal resistor.	
SZ	2.54-2 180°	Address S Jump	_	Refer to Appendix A.1	for	details.			
AN		Address S key-pr	_	Refer to Appendix A.1	for	details.			
JC,EN	JC,EN 2.54-2 180° Function Setting Short JC and EN at the same time, after power on, enter the function setting mode. Refer to Appendix B.1 for details.							tion setting mode.	
1	Terminal connection diagram								
SH	XH			BY0		BY1		DZD	DZZ
S 240 10 20 30 40 HS Y	10 20 30 A42	40 X	10	20 30 40 1 20 30 40 1	1	SDZ 10 24V XPZ 24V Q 4V			1DZZ
Note: The square bond		on terminal'					o3 and	No.4 in sequence.	



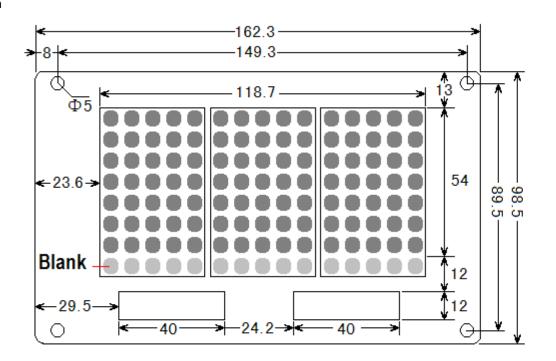
Mod	del	BL2	Order Information: Contact sale manager for confirmation						
Type of Do	ot Matrix	Round dot	matrix/Square	e dot matrix					A >
Display D	irection		Horizontal						
Dimension	ns of PCB	81n	nm*178mm*1	2mm				162000-HERF-1822 ALC BILL AND INC.	
Dimensions of insta	allation baseboard	No in	stallation base	eboard					
LED Pilo	t Lamp		None						
			Info	ormation for sir	milar ty	pe			
	Model			Display Co				РСВ С	olor
BL2000-H	BH-N2.2 A1/B1/A2/6	32	Red square de	ot matrix /Orange round dot man lot matrix /Orange square dot ma efinition and function description		are dot matrix	matrix Green		
Tamainal	Terminal	F.,		·		Pin defi	nition		
Terminal	Specifications	Fu	nction	1		2		3	4
PW	3.96-4 90°		wer & nunication	24V		GND		CANH	CANL
SH	2.54-4 90°	Up ca	all button	Up call answe	er(SD)	24V		24V	Up call input(SH)
ХН	2.54-4 90°	Down	call button	Down ca answer <mark>(XI</mark>	24\/			24V	Down call input(XH)
BYO	2.54-4 90°	Serial p	Serial parking input		wer 24V			24V	Serial parking input(DS)
BY1	2.54-4 90°	Serial	fire input	Standby ans	swer 24V			24V	Serial fire input(XF)
DZD	2.54-4 90°	Arrival I	amp output	Up arrival la output(SD	·		•	GND	24V
DZZ	2.54-4 90°	Arrival	bell output	Arrival be output(DZ	(-iNI)		D 5V		24V
S1	2.54-2 90°	terminal r	nmunication esistor jumper board)	Sh	ort jun	nper to connect	: CAN coi	mmunication term	ninal resistor
SZ	2.54-2 90°	Address S	etting Jumper			Refer to A	ppendix	A.1 for details.	
AN			ess Setting y-press			Refer to A	ppendix	A.1 for details.	
JC,EN	2.54-2 90°		on Setting Imper	Short JC and	EN at t			wer on, enter the a	function setting mode.
			Terr	ninal connectio	n diagr	ram			
SH	ХН		BYO			BY1		DZD	DZZ
OS 240 HS 240	74 24V 62 82 24V 25 82 82 82 82 82 82 82 82 82 82 82 82 82	SQ	10 50 44	XF XX	□ ZOS	20 30 40 20 30 40 20 30 40	GND 5 4 VA2 0 4 VA2 0 4 VA2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Note: The square b	oond pad of foot pins	on termina	l's back is No.1	. To the other s	ide, th	ey are No2, No3	3 and No	.4 in sequence.	

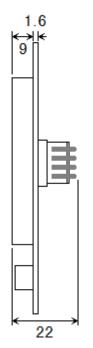


Mod	iel	BL2	000-НВН-Е9.1	Orde	Order Information: A-Conventional supply cycle B-Contact sale manager for confirmat					
Type of Do	ot Matrix	Round dot matrix			• see Arrive coor					
Display Direction		Horizontal								
Dimension	ns of PCB	98.5mm*162.3mm*22mm								
Dimensions of Insta	llation Baseboard	No ir								
LED Pilot	t Lamp		Left and right							
				n for similar t	ype					
	Model			play Color			PCB (
BL20	00-HBH-E9.1 A/B			d/Orange			Gre	en		
			Terminal definition	and function	descrip		:::			
Terminal	Terminal Specifications		Function	1		Pin def 2	inition 3	4		
PW	3.96-4 180°	Power	· & Communication	24V		GND	CANH	CANL		
SH	2.54-4 180°	ι	Jp call button	Up call answer(SD)		24V	24V	Up call input(SH)		
ХН	2.54-4 180°	Do	own call button	Down call answer(XD)		24V	24V	Down call input(XH)		
BYO	2.54-4 180°	Ser	ial parking input	Standby a	nswer	24V	24V	Serial parking input(DS)		
BY1	2.54-4 180°	Seria	I fire service input	Standby answer		24V	24V	Serial fire input(XF)		
DZD	2.54-4 180°	Arr	ival lamp output	Up arrival lamp output <mark>(SDZ)</mark>		Down arrival lamp output(XDZ)	GND	24V		
DZZ	2.54-4 180°	Arrival bell output		Arrival l output([Unused	GND	24V		
S1	2.54-2 180°		nmunication terminal r jumper (on board)	Short jump	ort jumper to connect CAN communication terminal resistor					
SZ	2.54-2 180°	Addre	ess Setting Jumper	Refer to Ap	pendix	A.1 for details.	details.			
AN		Addre	ss Setting key-press	Refer to Ap	er to Appendix A.1 for details.					
LED Pilot Lamp Display			setting: Used for the ull load for the right	These LEDs	nese LEDs can be variously configured. Refer to Appendix B.1 for details.					
JC,EN	2.54-2 180°	Funct	ion Setting Jumper			the same time, afte pendix B.1 for detail		iter the function setting		
			Terminal cor	nnection diag						
	SH XH		BY0		BY1		ZD	DZZ		
SS 24 V S		-	1 20 30 40 NA 240 DS 240		30 40 30 40 X X	10 20 ZGS	GND 50 240 0 40 0 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DZZZ 11 GND 02 11 5V 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
Note: The square b	ond pad of foot pins	on termina	l's back is No.1. To the	other side, tl	ney are	No2, No3 and No.4 i	n sequence.			

BL2000-HBH-E9.1 Dimensional Drawing

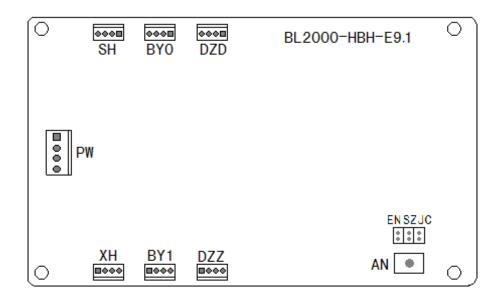
Unit: mm





Dimensional Drawing of the front

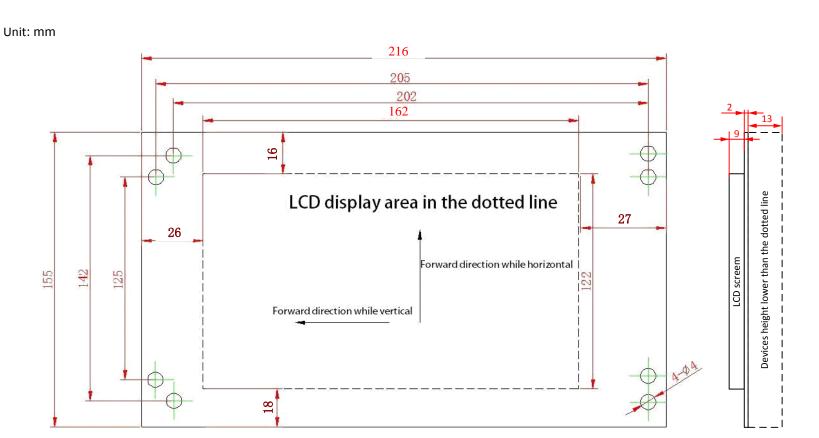
Dimensional Drawing of side



Dimensional Drawing of the back

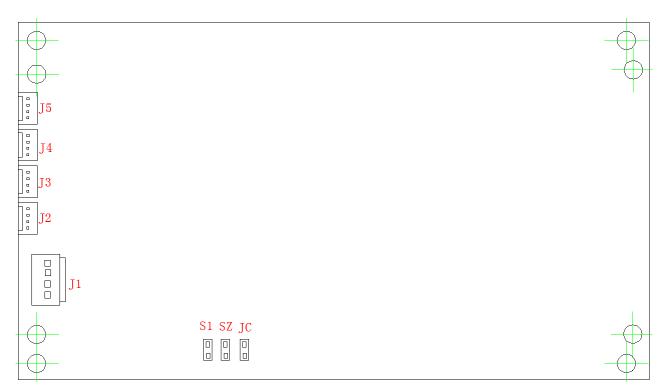
Model	BL	2000-MBQ-	Q-V4.1 Order Information: Conventional supply cycle							
LCD type	LCD type		8 inch TFT true color							
Display Directio	Display Direction		Horizontal/Vertical			2			1 1 1 A 1	
Dimensions of Po	Dimensions of PCB			4mm		WILCOME 00-14-20	2 H:18			
Dimensions of Instal Baseboard	lation	No	installation base	board						
Information for similar type										
Mo	del			Display Co	lor			РСВ Со	lor	
	_							Green	า	
			Terminal de	efinition and fur	nction	description				
	Term	inal				•	in definiti	on		
Terminal	Specific		Function	1		2		3	4	
PW(J1)	3.96-4	180°	Power & Communication	24V		GND		CANH	CANL	
SH(J2)	2.54-4 180°		Up call button	Up call answer(SD)		24V		24V	Up call input(SH)	
XH(J3)	2.54-4 180°		own call button	Down call answer(XD)		24V	24V		Down call input(XH)	
J4	2.54-4 180°		Serial input port	24V		Serial parking input(DS)	S	24V	Serial fire input(XF)	
J5	2.54-4 180°		Arrival signals output	Up arrival lamp output(SDZ)		Down arrival la output(XDZ)		wn arrival lamp output <mark>(DZZ)</mark>	GND	
S1	2.54-2	180°	CAN communication erminal resistor imper (on board)	Short jumper to connect CAN communication terminal resist					nal resistor	
SZ	2.54-2	180°	Address Setting Jumper	Refer to Appendix A.1 for details.						
AN			Address Setting key-press	Refer to A			Appendix A.1 for details.			
S7	2.54-2	180°	Memorizer jumper	SD card as memorizer.						
JC,SZ	2.54-2	I FIINCTION SOTTING I			he same time, after power on, enter the setting mode. Elevator d picture, and other functions will be configured. Refer to user manual for details.					
Terminal connection diagram										
SH			XH			J4			J5	
DS 45 45 HS			10 20 30 40 10 20 30 40 10 20 30 ZQS ZQS ZQS ZQS ZQS ZQS ZQS ZQS				20 30 40 20 ZZ ZZ ON			

BL2000-MBQ-V4.1 Dimensional Drawing



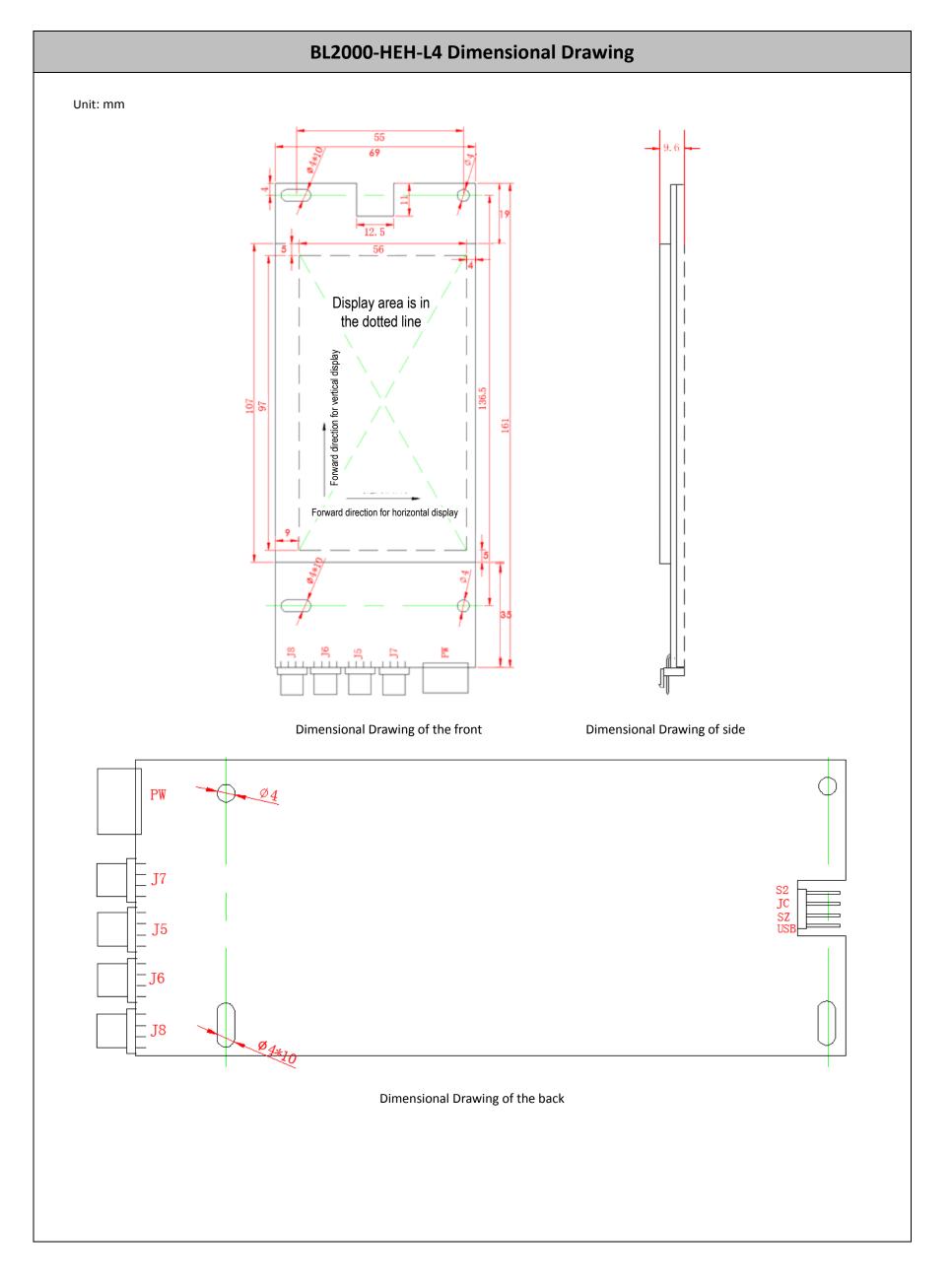
Dimensional Drawing of the front

Dimensional Drawing of the back

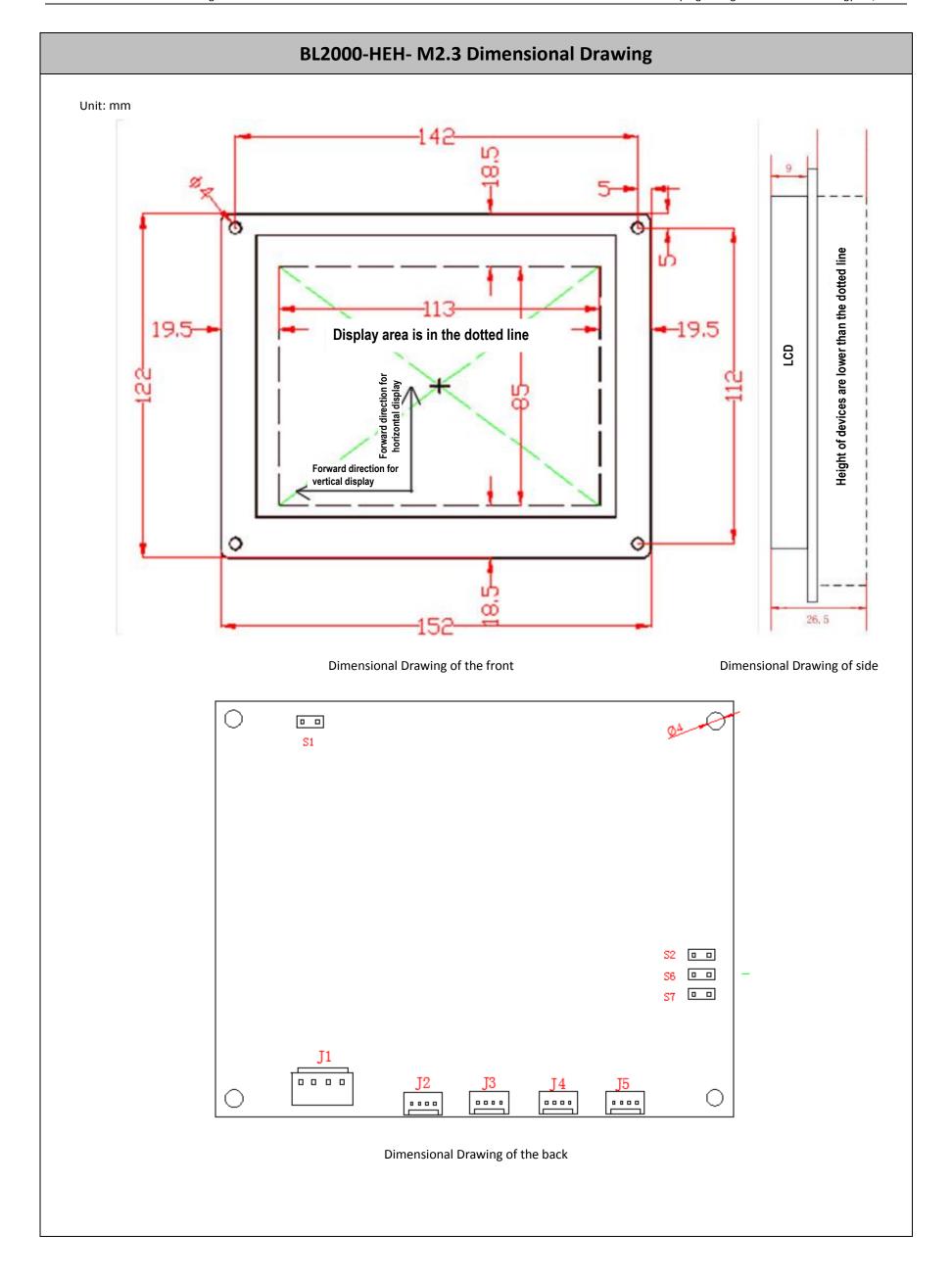


Dimensional Drawing of the back

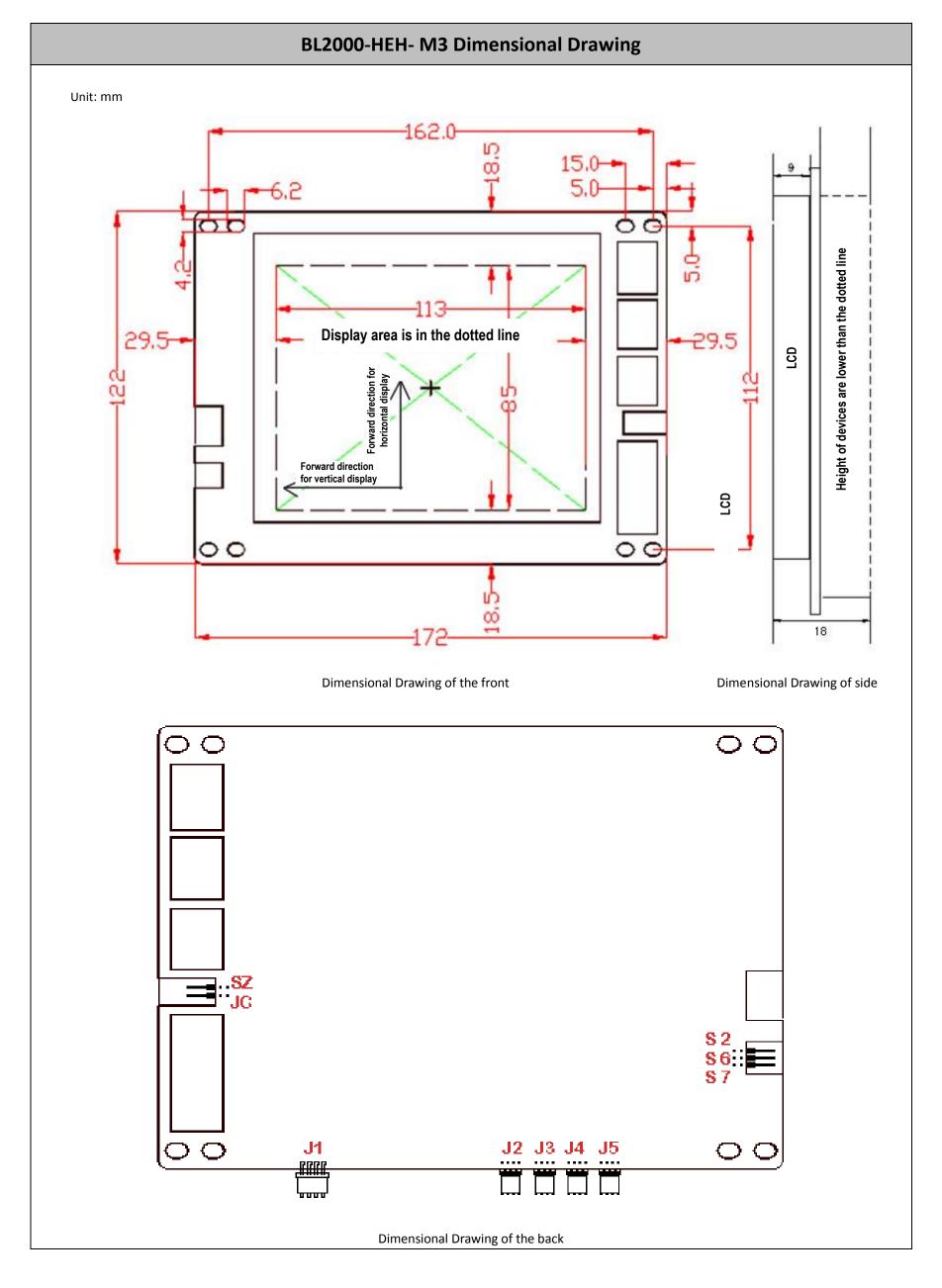
Model		BL	Order Information: Conventional supply cycle							
LCD type		4.3 inch TFT true color								
Display Direction	Horizontal/Vertical									
Dimensions of P	СВ	70mm*161mm*9.6mm								
Dimensions of Insta Baseboard	llation	No i	nstallation baseboard							
			Information	for sin	nilar type					
Mo	del		Disp	olay Col	lor			PCB Color		
_	_							Green		
			Terminal definition	and fur	nction descrip	otion				
Tamasiaal	Ta masimal C	:£:	Franklina				Pin def	inition		
Terminal	Terminai S	pecifications	Function		1		2	3	4	
PW(J1)	3.96	-4 90°	Power & Communication		24V	GND		CANH	CANL	
SH(J5)	2.54-4 90°		Up call button	Up call answer(SD)		24V		24V	Up call input(SH)	
XH(J6)	2.54-4 90°		Down call button	Down call answer(XD)		24V		24V	Down call input(XH)	
J7	2.54	-4 90°	Serial parking input	24V		Serial parking input(DS)		24V	Serial fire input(XF)	
J8	2.54	-4 90°	Arrival signals output	Up arrival lamp output(SDZ)		Down arrival lamp output(XDZ)		Arrival bell output(DZZ)	GND	
S1	2.54-2 90°		CAN communication terminal resistor jumper (on board)	Short	Short jumper to connect CAN communication terminal resistor					
SZ	2.54	-2 90°	Address Setting Jumper	Refer	r to Appendix A.1 for details.					
AN			Address Setting key-press	Refer	Refer to Appendix A.1 for details.					
JC,SZ	2.54-2 90°		Function Setting Jumper	Eleva		ckground	d picture, ar	power on, enter the dother functions v		
	Terminal connection diagram									
SH			XH			J7		18		
			0X		10 20 30 40 Abs S0 28 4x			10 20 ZOX		



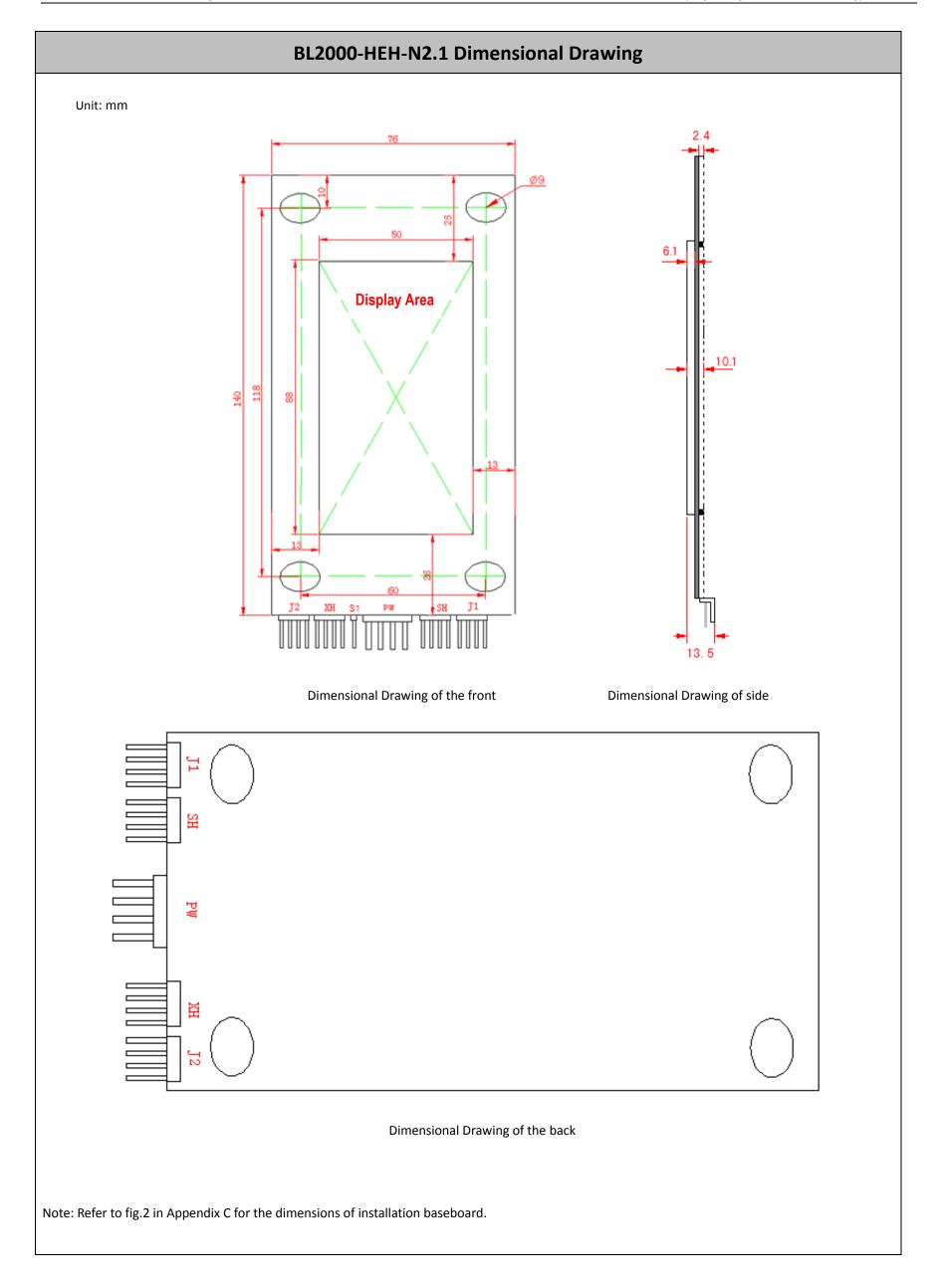
Model		BL2	2000-HEH-N	M2.3	Order Information: Conventional supply cycle						
LCD type		5.	.6-inch TFT true c	olor					And and office and the state of		
Display Direction			Horizontal/Vertic								
Dimensions of PCB 1			2mm*152mm*26	.5mm							
Dimensions of installati	on baseboard	No	installation base	board			er v	- Table	A Top of Trees		
			Int	formation for s	similar type						
Mo	odel			Display Co	olor			PCB Colo	r		
_	_							Green			
			Terminal d	efinition and f	unction descript	ion					
	Terminal	Т			, , , , , , , , , , , , , , , , , , ,		in definition				
Terminal	Specificatio	ns	Function	1	2		3		4		
PW(J1)	3.96-4 180	° C	Power & Communication	24V	GND		CANH		CANL		
SH(J2)	2.54-4 180	o° (Up call button	Up call answer(SD) 24V		24V		Up call input(SH)		
XH(J3)	2.54-4 180	° Do	own call button	Down call answer(XD	2/11/	24V		Down call input(XH)			
J4	2.54-4 180	° Se	erial input port	24V	Serial parking input(DS)		24V		Serial fire input(XF)		
J5	2.54-4 180	,0	Arrival signals output	Up arrival lar output(SDZ		Arrival bell output(DZZ)			GND		
S1	S1 2.54-2 180° terminal jumper (o				Short jumper to connect CAN communication terminal resistor						
SZ	2.54-2 180	Address Setting Jumper	Refer to Appendix A.1 for details								
AN	AN Address Setting				Refer to Appendix A.1 for details						
S7	2.54-2 180	° m	nemory jumper	SD card as memory							
1 10.5/ 1 2.54-2.180° 1			unction Setting Jumper		ground picture, a				mode. Elevator Refer to user		
Terminal connection diagram											
SH XH			XH					J5			
49392910			40302010		4Q 3Q 2Q 1 □						
SH 24V 29			XH Z4V XD		¥ ₹			30 20 1 D 770 X S			



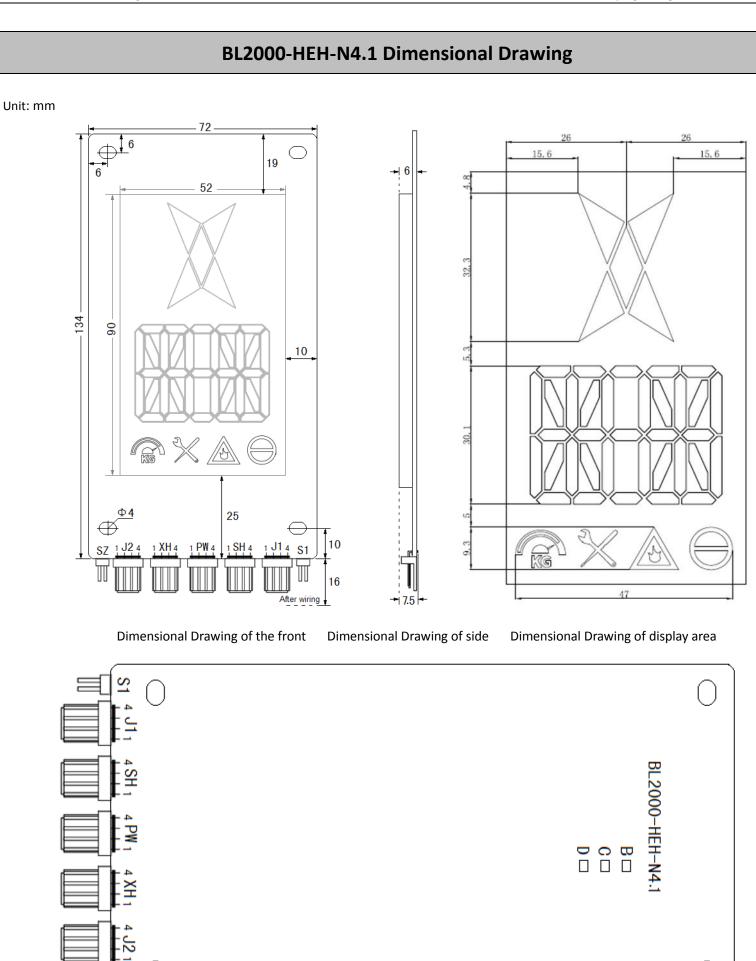
Model	BL	2000-HEH-M	Order Information: Contact sale manager for confirmat					for confirmation		
LCD type	5.6	5-inch TFT true color	5 5		~					
Display Direction			Horizontal/Vertical							
Dimensions of PCB			2mm*172mm*18mn	n		THE STATE OF THE S				
Dimensions of installation	on baseboard	No i	nstallation baseboar	rd		111 1111	111			
			Informa	tion for s	imilar type					
Mo	odel			Display C	olor			PCB Col	or	
_								Green		
			Terminal definiti	ion and fu	unction desc	cription				
Terminal	Termina		Function				Pin det			
	Specificati	ons			1	2		3	4	
PW(J1)	3.96-4 18	0°	Power & Communication	2	24V	GN	ID	CANH	CANL	
SH(J2)	2.54-4 180°		Up call button	Up call answer(SD		24V		24V	Up call input(SH)	
XH(J3)	2.54-4 180°		Down call button	Down call answer(XD)		24V		24V	Down call input(XH)	
J4	2.54-4 180°		Serial input port	2	24V	Serial parking input(DS)		24V	Serial fire input(XF)	
J5	2.54-4 180°		Arrival signals output				ival lamp t(XDZ)	Arrival bell output(DZZ)	GND	
S1	2.54-2 180°		AN communication terminal resistor umper (on board)	Short ju	Short jumper to connect CAN communication terminal resistor					
SZ	2.54-2 180°		Address Setting Jumper	Refer to	Refer to Appendix A.1 for details					
AN		А	ddress Setting key	Refer to Appendix A.1 for details						
S7	2.54-2 180°		memory jumper	SD card as memory						
JC,SZ	2.54-2 180°		Function Setting Jumper	Elevato	Short JC and SZ at the same time, after power on, enter the setting mode. Elevator status, background picture, and other functions will be configured. Refeto user manual for details.					
			Terminal	connecti	on diagram					
SH	XH			J4			J5			
H 24 20 10 40302			40305010 A42 VA2 VA2 VA2		40302010 40302010		4 C QND	4 O 3 O 2 O 1 D ZZQ Z Z Q X Z Q X Z Q X Z Z Q X		



	Model	BL20	00-HEH-N2.1	Order Information: Conventional supply cycle						
	LCD type	S	Segment LCD Vertical		MANON-INDI-NO.					
Di	mensions of PCB	140mr	m*76mm*13.5mm							
Dimensions	of installation baseboar	r d 143m	ım*79mm*13mm		AND					
			Information for	simila	r type					
	Model		•	lay Col			PCB Co	olor		
	BL2000-HEH-N2.1 A/B/		White character with character with Blac character with	ck bacl	kground /Yellow		Gree	en		
		Te	erminal definition and f	functio	on description					
Terminal	Terminal Specification	Function			Pin defir	nition				
Terminar	remmar specification	Tariction	1		2		3	4		
PW	3.96-4 90°	Power & Communication	24V		GND		CANH	CANL		
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V		Up call input(SH)		
хн	2.54-4 90°	Down call butto	n Down call answer	r(XD)	24V	24V		Down call input(XH)		
J1	2.54-4 90°	Serial input por	t 24V	;	Serial parking input(DS)		24V	Serial parking input(XF)		
J2	2.54-4 90°	Arrival signals out	put Up arrival lam output(SDZ)	-	Down arrival lamp output(XDZ)		rival bell tput <mark>(DZZ)</mark>	GND		
S1	2.54-2 90°	ion r Short jumper to d)	Short jumper to connect CAN communication terminal resistor							
AN		Address Setting key-press	Refer to Append	Refer to Appendix A.1 and A.2 for details.						
JC	2.54-2 90°	call button at the	e same	on, enter the self-checking mode. Press the up call button and down ne time, 2 or 3 seconds later, enter the function setting mode, various can be configured. Refer to Appendix B.2 for details.						
			Terminal connect	tion di	iagram					
SH			XH		J1		J2			
	S AV AS AN A	102	7 A A A A A A A A A A A A A A A A A A A		747 10 50 30 40		4 QND 3 ZZQ 1 ZQX			
Note: The so	quare bond pad of foot p	ns on terminal's ba	ack is No.1. To the othe	er side	, they are No.2, No.3 and	d No.4 ir	n sequence.			

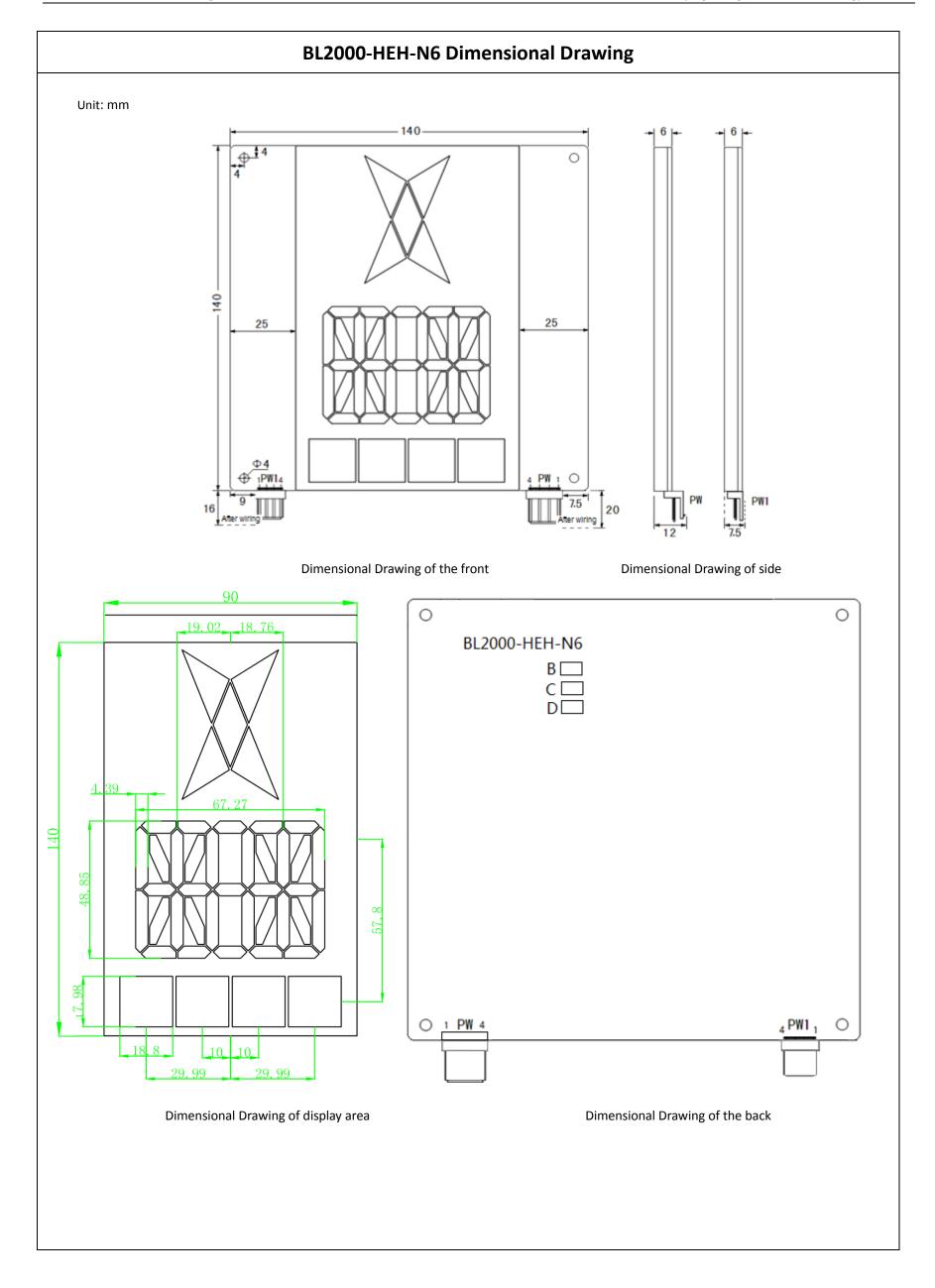


	Model	BL2000-H	IEH-N4.1	Order Information: B-Conventional supply cycle C/D-Contact sale manager for confirmation					
	LCD type	Segme	nt LCD		100 100 M				
D	isplay Direction	Vert	ical						
Di	mensions of PCB	134mm*72r	nm*7.5mm						
Dimensions	s of installation baseboar	rd No installatio	n baseboard						
			Information for s	similar type					
	Model		Display	Color	PC	CB Color			
BL20	000-HEH-N4.1 B/C/D	background/	Yellow-green char	und <mark>/Orange character</mark> with B acter with Black background	lack	Black			
		Termi	nal definition and f	function description	nition				
Terminal	Terminal Specification	Function	1	Pin defii 2	altion 3	4			
PW	2.54-4 90°	Power & Communication	24V	GND	CANH	CANL			
SH	2.54-4 90°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)			
хн	2.54-4 90°	Down call button	wn call button Down call answer(XD)		24V	Down call input(XH)			
J1	2.54-4 90°	Serial input port	24V	Serial parking input(DS)	24V	Serial parking input(XF)			
J2	2.54-4 90°	Arrival signals output	Up arrival lamp output(SDZ)	Down arrival lamp output(XDZ)	Arrival bell output <mark>(DZZ)</mark>	GND			
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to	connect CAN communication	terminal resistor				
SZ	2.54-2 90°	Address Setting Jumper	Refer to Appendi	ix A.1, A.2 for details					
JC,SZ	2.54-2 90°	Function Setting Jumper	Short JC and SZ a user manual for o	It the same time, after power details.	on, enter the setting r	mode. Refer to the			
			Terminal connect	ion diagram					
	SH	XF	ł	J1		J2			
	= ZGS	203040 20X ZOX							
Note: The so	quare bond pad of foot p	ins on terminal's back is	S No.1. To the othe	r side, they are No.2, No.3 an	d No.4 in sequence.				



Dimensional Drawing of the back

	Model	BL2000-	HEH-N6	Order Information: Cont	act sale manager for	confirmation			
	LCD type	Segme	nt LCD		\$ 1,000 (100 km	20.2			
D	Pisplay Direction	Vert	ical			•			
Di	mensions of PCB	140mm*140	mm*12mm		NACE OF THE PARTY	8			
Dimensions	of installation baseboa	rd No installatio	n baseboard			ama ●			
			Information for	similar type					
	Model		Display			3 Color			
BL20	000-HEH-N4.1 B/C/D	White character v background	vith Black backgro Yellow-green cha	ound <mark>/Orange character</mark> with E racter with Black background	Black E	Black			
		Termi	nal definition and	function description					
Terminal	Terminal Specification	Function		Pin defi					
PW	3.96-4 90°	Power & Communication	24V	GND	CANH	CANL			
PW1	2.54-4 90°	Power & Communication (Optional welding)	24V	GND	CANH	CANL			
PW and PW thick.	1 are all power supply po	orts. PW is 3.96 mm pit	ch, and PW1 is 2.	54 mm pitch. The product with	h PW is 12 mm thick, ar	nd with PW1 is 7.5mm			
S1	CAN communication terminal resistor jumper (on board) CAN communication Short jumper to connect CAN communication terminal resistor.								
SZ	2.54-2 90°	Address Setting Jumper	Short SZ, then power on to enter setting function. Refer to the user manual for details.						



	Model		ВІ	.2000-HE	H-N7	Ord	ler Informat	ion: Contac	ct sale mar	nager for cor	nfirmation
	LCD type			Segment L	_CD					•	
D	isplay Direction			Vertica	I			X	uhi Thi	HESH-N7	
Di	mensions of PCE	3	17 (The thickness	2mm*74mm ss contains P\ of 11mm	W power terr	minals			manie de les de la companie de la co		
Dimer	nsions of installa baseboard	tion	No	installation b	aseboard				i i Nota		
	LED Pilot Lamp			None					. Pt		
				Information	n for similar	type					
_							Color			PCB Col	or
	BL2000-HEH-N7 B/C/D White character with Black be background/Yellow-green						nd <mark>/Orange c</mark> acter with Blac	haracter with ck background	n Black d	Black	
		T		Termin	nal definition	and functior	description				
Terminal	Terminal		unction		Т	T	Pin de	finition	T	1	Т
	Specification	n		1	2	3	4	5	6	7	8
P1	ZH-WT-8A	Up (& down call button	24V	Up call input (SH)	Up call answer (SD) 24V	24V	Down call answer (XD)	Down call input (XH)	24V
P2	ZH-WT-2A	Serial	parking input	Serial parking input (DS)	24V						
Р3	ZH-WT-2A	Seri	al fire input	Serial fire input (XF)	24V						
P4	3.96-4 180°		Power & nmunication	24V	GND	CANH	CANL				
P5	ZH-WT-4A	Arr	ival signals output	Up arrival lamp output (SDZ)	Down arrival lamp output XDZ)	OUTDUT	GND				
J5	2.54-3-90°	term	ommunication ninal resistor er (on board)	Short ON	l jumper to c	onnect CAN	communicatio	on terminal re	esistor.	•	
SET		Add	ress Setting button	Refer to	Appendix A.1	., A.2 for det	ails.				
JC	2.54-2-90°		king Function Jumper	Short JC,	after power	on, enter th	e self-checkin	g mode, refer	r to the user	manual.	
					Terminal cor	nnection dia	gram				
	P1	<u>L</u>			P2			Р3		P5	
Notes	1 2 3 4 5 6 7 8 3 4 5 6 7 8 3 5 8 2 X X X X X X X X X X X X X X X X X X				DS 1 2 24V 2		1 2 XX Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z				4 QND
wote:	remindi P1, P	د, ۲۵ â	iiu ro are or	ZH-VV I SEF	ics.						

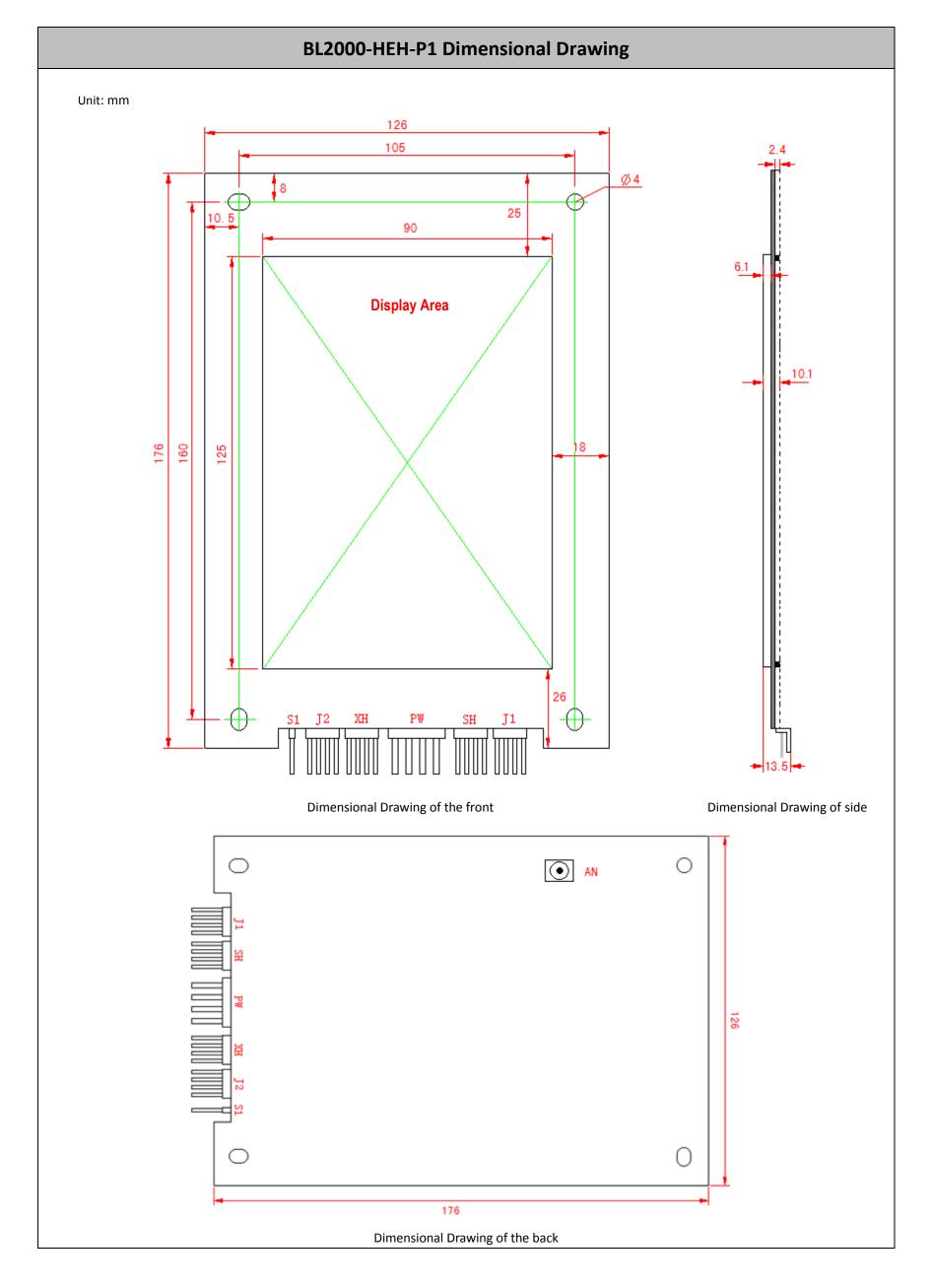
BL2000-HEH-N7 Dimensional Drawing Unit: mm 74.0 7.0 -60.0 16.0 r 4-Ø4.0--15.5--52.0-11.0 157,0-172,0-Dimensional Drawing of the front Dimensional Drawing of side Dimensional Drawing of vertical screen 0 0 0 0 0 0 Dimensional Drawing of the back Schematic diagram of ZH-WT series terminals

					HEH-N8		Order Information: Contact sale manager for confirmation						
	LCD type			Segme	nt LCD			1					
ι	Display Direction	1		Vert	ical				Î	1.2000-H931-N8			
	imensions of PC	,		172mm*74i ness contains 11m	s PW power t	erminals.			b				
Dime	ensions of install baseboard	ation	N	No installatio	n baseboard			533 (
	LED Pilot Lamp			No	ne								
					Information	for similar t	ype						
	Mode	el				Display C	olor			PCB Col	or		
BL2000-HEH-N8 A/B/C White character with Blue background background Yellow character							nd /White cha with Black b	aracter with I ackground	Black	Green	l		
Terminal definition and function description													
Tamminal	Terminal	F atia	0.00				Pin det	finition					
Terminal	Specifications	Functio	on	1	2	3	4	5	6	7	8		
P1	ZH-WT-8A	Up & down		24V	Up call input (SH)	Up call answer (SD)	24V	24V	Down call answer (XD)	Down call input (XH)	24V		
P2	ZH-WT-2A	Serial parkin	ng input	Serial parking input (DS)	24V								
Р3	ZH-WT-2A	Serial fire i	input	Serial fire input (XF)	24V								
P4	3.96-4 180°	Power Communic		24V	GND	CANH	CANL						
P5	ZH-WT-4A	Arrival sig outpu	-		Down arrival lamp output XDZ)	Arrival bell output (DZZ)	GND						
J5	2.54-3-90°	CAN commun terminal re jumper (on	esistor	Short ON	jumper to co	onnect CAN c	communicatio	on terminal re	sistor.	•			
SET		Address Se buttor	_	Refer to A	Appendix A.1	, A.2 for deta	ils.						
JC	2.54-2-90°	Checking Fu Jumpe		Short JC,	after power	on, enter the	self-checking	g mode, refer	to the user r	nanual.			
					Terminal cor	nection diag	ram						
	P1				P2			Р3		P5			
Note: Terminal P1, P2, P3 and P5 are of ZH-WT series.													

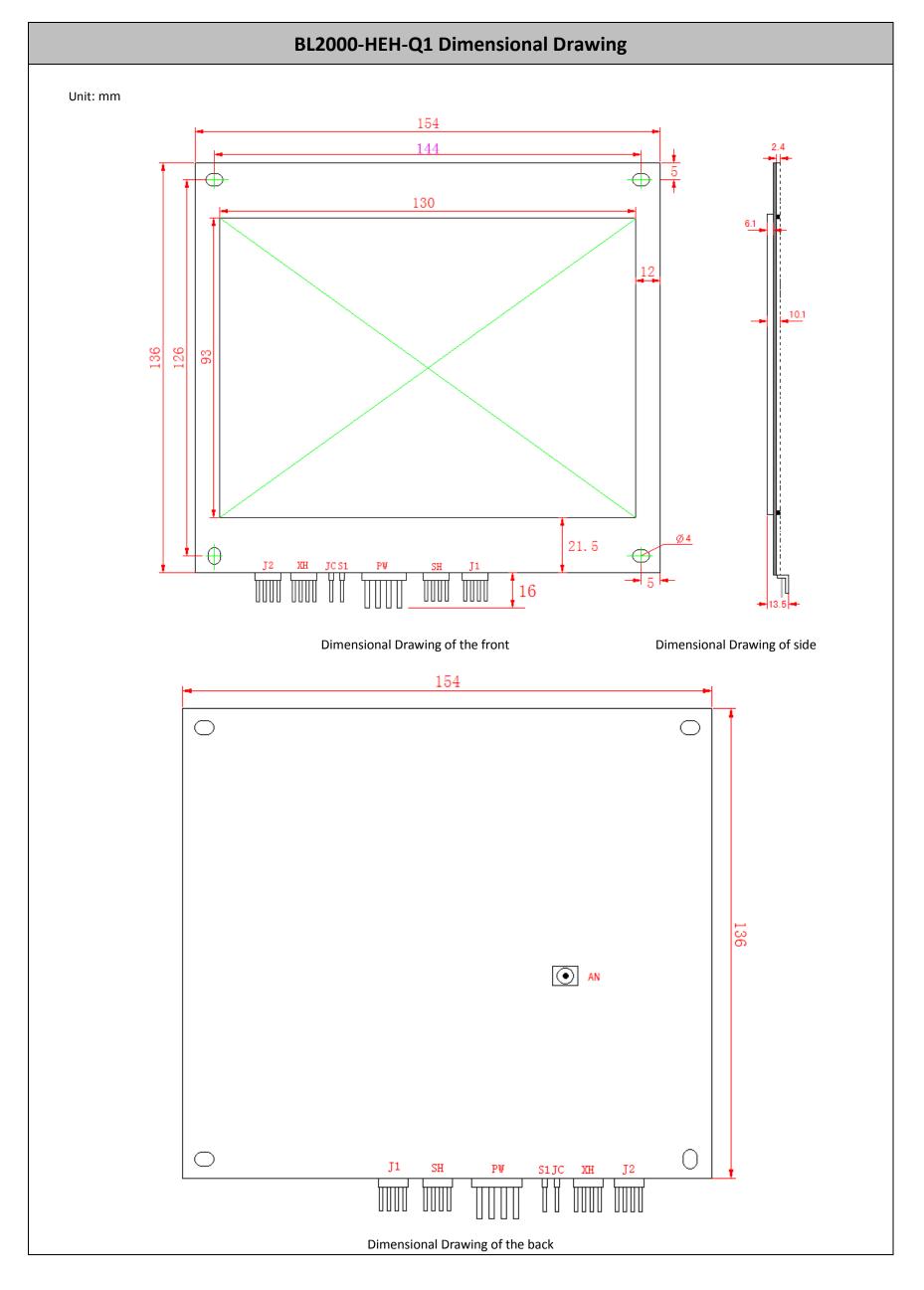
BL2000-HEH-N8 Dimensional Drawing Unit: mm 74.0-60.0 16.0 100,0--172,0--51.0--56.0-9.0 Dimensional Drawing of the front Dimensional Drawing of side 0 0 0 BL2000-HEH-NB A \cap B \cap C \cap C 0 0 0 Dimensional Drawing of the back

Schematic diagram of ZH-WT series terminals

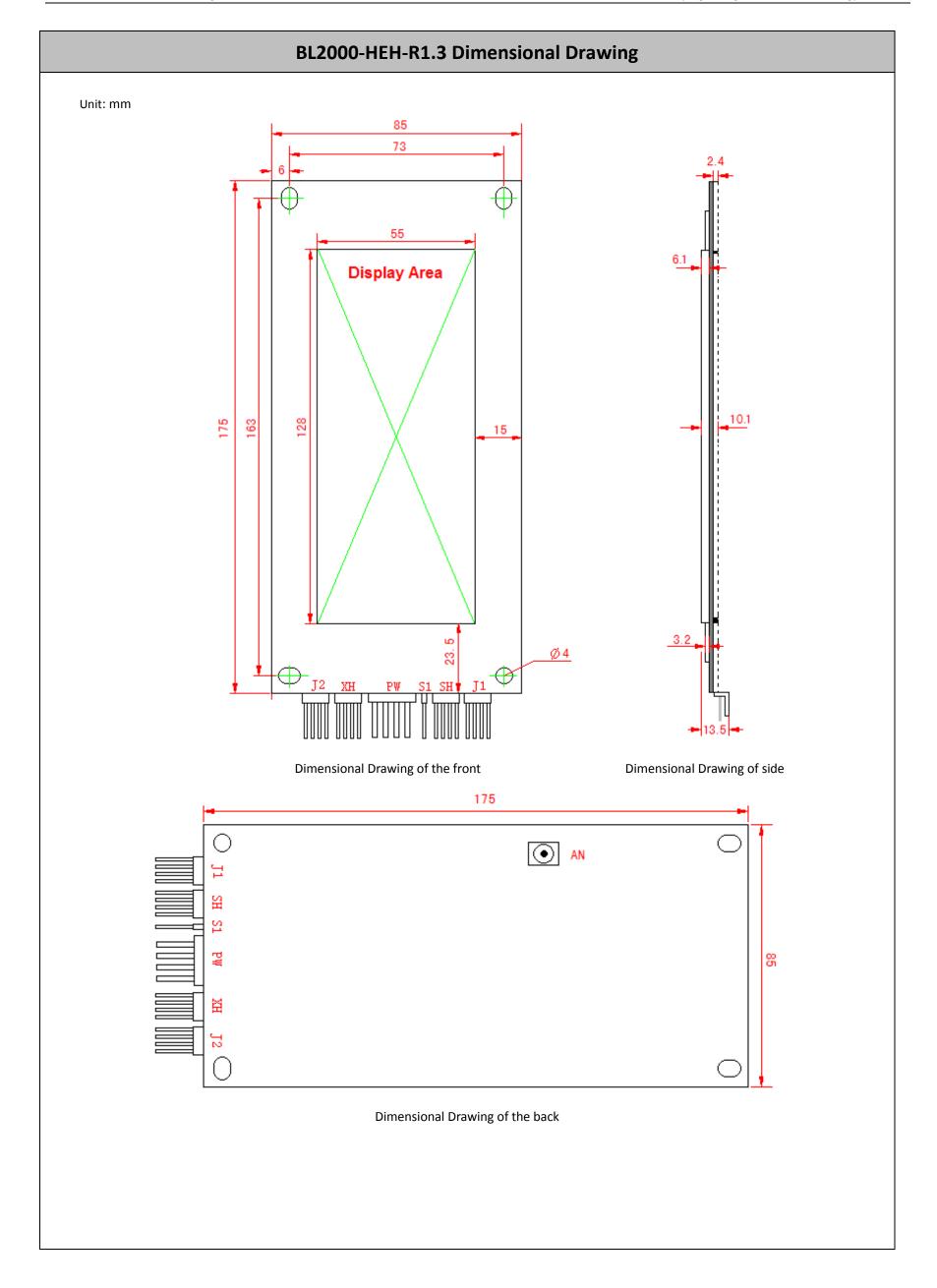
	Model	BL2000-HE	H-P1	Order I	Order Information: A/B-Conventional supply cycle C-Contact sale manager for confirmation					
	LCD type	Segment LC	CD							
Di	splay Direction	Vertical				A				
Dir	nensions of PCB	176mm*126mm*	13.5mm							
Dimensions	of Installation Baseboard	No installation ba	seboard		₩ X		BL2000-HI2H-PI	AL B		
	Information for similar type									
	Model Display Color PCB Color						olor			
BL20	00-HEH-P1 A/B/C	White character with B					Gree	en		
Black background /Yellow character with Black background Terminal definition and function description										
				ranction	•	definition				
Terminal	Terminal Specifications	Function	1		2		3	4		
PW	3.96-4 90°	Power & Communication	24\	,	GND		CANH	CANL		
SH	2.54-4 90°	Up call button	Up call ans	wer <mark>(SD)</mark>	24V		24V	Up call input(SH)		
ХН	2.54-4 90°	Down call button	Down call answer(XD		24V		24V	Down call input(XH)		
J1	2.54-4 90°	Serial input port	24V		Serial parking input(DS)		24V	Serial parking input(XF)		
J2	2.54-4 90°	Arrival signals output	Up arriva output(Down arrival lamp output(XDZ)		Arrival bell utput <mark>(DZZ)</mark>	GND		
S1	2.54-2 90°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor							
AN		Address Setting key-press	Refer to App	pendix A.1	and A.2 for details	i.				
JC	2.54-2 90°	Checking & Function Setting Jumper	down call b	utton at th	e same time, 2 or 3	3 seconds	later, enter the	up call button and e function setting pendix B.2 for details.		
		Te	rminal conne	ction diag	ram					
	SH	ХН			J1			J2		
	7 A A A A A A A A A A A A A A A A A A A	DX			10 20 30 40 AF X		₽ ZOS	1		
Note: The s	quare bond pad of foot pi	ns on terminal's back is No	o.1. To the oth	ner side, th	ey are No.2, No.3	and No.4	in sequence.			



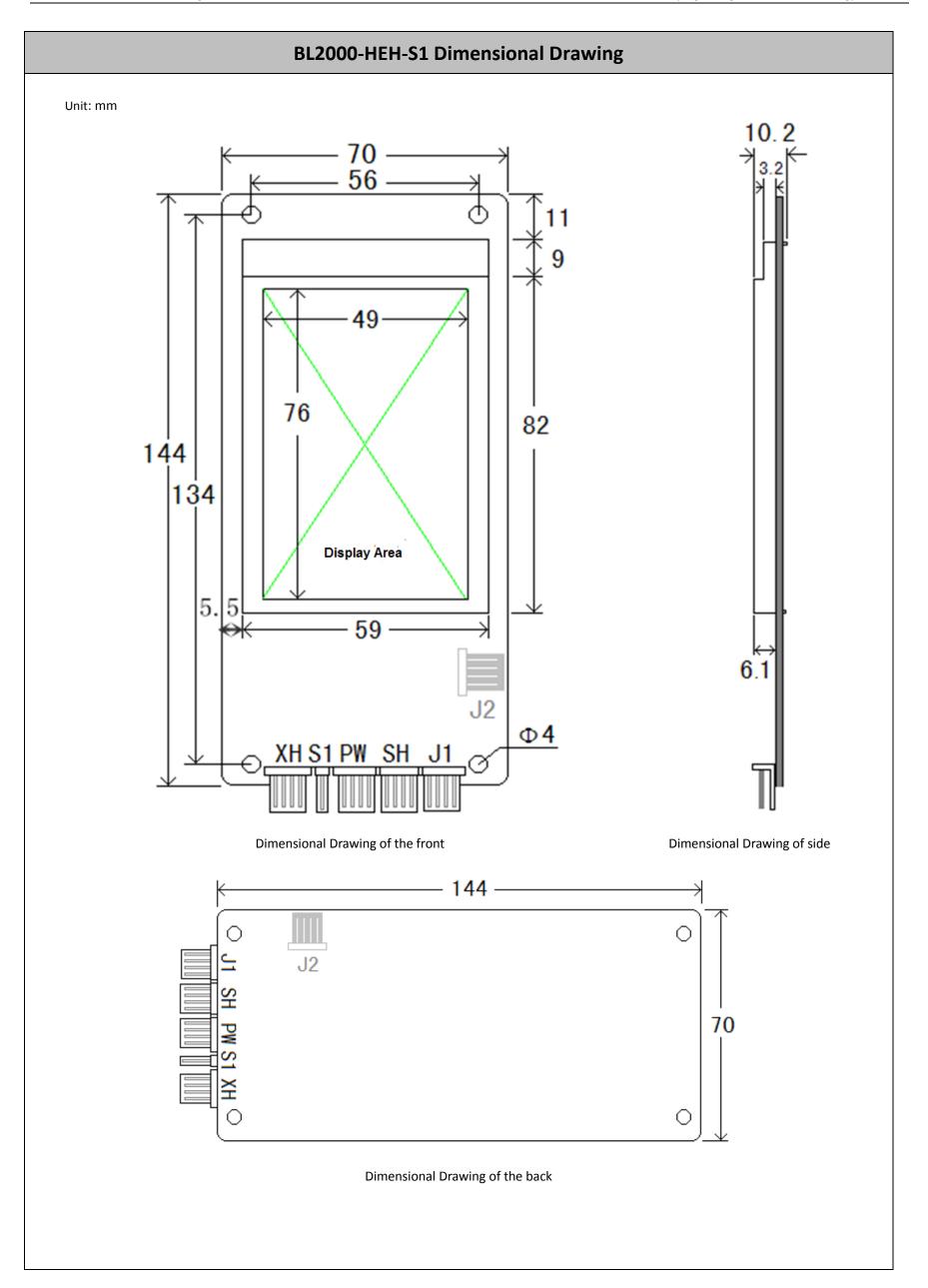
	Model	BL2	2000-HEH-	Q1	Order I		•	entional suppl ct sale manage	ly cycle r for confirmation
Di	LCD type splay Direction		Segment LCD Horizontal				וכב		diss.
Dir	nensions of PCB	136m	m*154mm*13	.5mm		A L	Δ Θ	Hecteret II	
Dimensions	of installation baseboard	No in	installation baseboard						
			Infor		r similar typ	e			
	Model BL2000-HEH-Q1 A/B/C		Display Color A: White character with Blue background /B: White character with Black background /C: Yellow Green						
			1		Black backg				
	_		Terminal defi	nition and	tunction de		n definition	on	
Terminal	Terminal Specifications	Fun	ction		1	2		3	4
PW	3.96-4 90°	Power & Co	mmunication	2	24V	GND		CANH	CANL
SH	2.54-4 90°	Up cal	l button	Up call a	inswer <mark>(SD)</mark>	24V		24V	Up call input(SH)
ХН	2.54-4 90°	Down call button		Down call answer(XD)		24V		24V	Down call input(XH)
J1	2.54-4 90°	Serial input port		2	24V	Serial parkin input(DS)	g	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival sig	nals output		ival lamp ut <mark>(SDZ)</mark>	Down arrival la	-	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	terminal resis	munication tor jumper (on ard)	Short jumper to connect CAN communication terminal resistor					
AN		Address Set	ting key-press	Refer to	Appendix A	.1 and A.2 for de	tails.		
JC	2.54-2 90°	_	unction Setting nper	down ca	II button at	the same time, 2	or 3 seco	onds later, enter t	he up call button and the function setting Appendix B.2 for
			Termi	nal conne	ction diagra	m			
	SH		XH			J1			J2
			24V 24V XH XH XH	247		10 SQ 40 PX		10 ZOS	30 4 Q ND ZZQQ



	Model	BL2000-HEH-R1.3			Orde	Order Information: Contact sale manager for confirmation				
	LCD type		Segment LCD						• 885.	
Di	splay Direction		Vertical				â	######################################		
Dir	nensions of PCB	175n	nm*85mm*13.	5mm				### ## ## ##		
Dimensions	of installation baseboard					•	m			
			Infor	mation for	similar typ	e				
	Model				y Color			PCB Col	or	
	BL2000-HEH-R1.3 B/C		orange c	haracter w	ith Black b			Greer	1	
		Terminal defir		nition and	Tunction de	•	in defin	tion		
Terminal	Terminal Specifications	Fun	ction		 1	2	in deilin	3	4	
PW	3.96-4 90°	Power & Co	mmunication	24	4V	GND		CANH	CANL	
SH	2.54-4 90°	Up call button		Up call ar	nswer <mark>(SD)</mark>	24V		24V	Up call input(SH)	
ХН	2.54-4 90°	Down call button			n call er <mark>(XD)</mark>	24V		24V	Down call input(XH)	
J1	2.54-4 90°	Serial input port		24V		Serial parki input(DS)	_	24V	Serial parking input(XF)	
J2	2.54-4 90°	Arrival sig	nals output		val lamp it(SDZ)	Down arrival output(XD		Arrival bell output(DZZ)	GND	
S1	2.54-2 90°	terminal resis	munication tor jumper (on ard)	Short jumper to connect CAN communication terminal resistor						
AN		Address Sett	ing key-press	Refer to A	Appendix A	.1 and A.2 for d	etails.			
1C	2.54-2 90°	_	unction Setting nper	down call	l button at	the same time,	2 or 3 se	_	ne up call button and he function setting Appendix B.2 for	
			Termi	nal connec	tion diagra	m				
	SH		ХН			J1			J2	
SD 24V SH SH ST		20 30 40 X+X X+X		I	10 20 30 40 Ab Sa Ab X		10 ZZQS	4 QND 3 ZZQ		



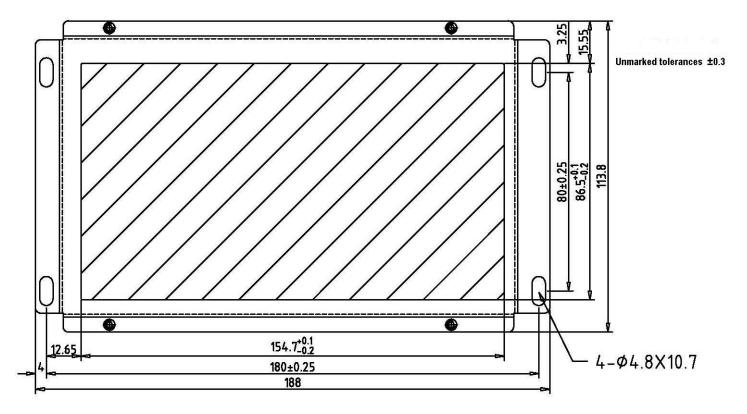
		BL2000-HEH-S1			Orde	r Information:	Contact	t sale manager	for confirmation
	LCD type		Segment LCD			2			
Di	splay Direction		Vertical				(1) (1) (1) (2) (3) (3) (3) (4)	I I I I I I I I I I I I I I I I I I I	
Din	nensions of PCB	144n	nm*70mm*10.:	2mm					
Dimensions	of installation baseboard	No in	ooard						
			Infor	mation fo	r similar typ	e			
	Model			•	ay Color	1.70		PCB Col	or
	BL2000-HEH-S1 A/B/C		character with Black background					Green	1
			Terminal defi	nition and	d function de	•	in definiti		
Terminal	Terminal Specifications	Fun	ction		1	2	in definiti	on 3	4
PW	2.54-4 90°	Power & Co	mmunication	2	24V	GND		CANH	CANL
SH	2.54-4 90°	Up call	button	Up call a	inswer(SD)	24V		24V	Up call input(SH)
ХН	2.54-4 90°	Down call button		Down call answer(XD)		24V		24V	Down call input(XH)
J1	2.54-4 90°	Serial input port		24V		Serial parkir input(DS)	ng	24V	Serial parking input(XF)
J2	2.54-4 90°	Arrival sigi	nals output		ival lamp ut <mark>(SDZ)</mark>	Down arrival la	•	Arrival bell output(DZZ)	GND
S1	2.54-2 90°	terminal resis	munication tor jumper (on ard)	Short jumper to connect CAN communication terminal resistor					
AN		Address Sett	ing key-press	Refer to	Appendix A	.1 and A.2 for de	etails.		
JC	2.54-2 90°	_	unction Setting	down ca	Il button at	the same time, 2	2 or 3 seco		ne up call button and he function setting Appendix B.2 for
			Termi	nal conne	ction diagra	m			
	SH		ХН			J1			J2
QS 45 45 10 20 30 40 40 40 40 40 40 40 40 40 40 40 40 40		20 30 40 HX			24V PS S S S S S S S S S S S S S S S S S S		1 ZOS	4 Qub 3 ZZQ	



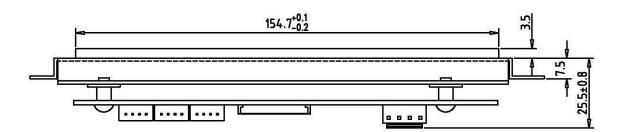
	Model	SJT-ESII	M-07-ZF	Ord	Order Information: Contact purchasing department for confirmation				
	LCD type	7 Inc white character wit white character wit					- WAS - 100 -		
Di	splay Direction	Horizonta	al / Vertical		∧ 28		No No		
Dir	nensions of PCB	113.8mm*18	88mm*30mr	m Lo	ad 2000 Persons 26 2017-09-20 Wednesday		TRY OF THE PARTY O		
Dimensions	of installation baseboard	No installation baseboard				parameter ()			
			Informati	ion for similar type	е				
	Model			Display Color		PCB Color	•		
Green									
		Term	inal definitio	on and function de	·				
Terminal	Terminal Specifications	Function			I	finition			
				1	2	3	4		
PW	3.96-4 90°	Power & Commun	ication	24V GND		CANH	CANL		
MODE	Press-key	Setting button		Press MODE press-key to enter the menu and press MODE press-key to change menu.					
INC	Press-key	Setting butto	n In n	nenu interface, pr	ess INC press-key to s	et parameters			
USB	USB Port	Connect U dis	sk Upo	date program by L	l disk				
			Functi	on Descriptions					
	This p	roduct is a 7-inch car		•	nnot be used as a call	ing board.			
Ele	evator display	Display the floor,	<u> </u>						
Д	slarm display		_	•	lay "Overload", "Fi English is available.	re", "Inspection" and	d other warning		
١	News display	The interface can operation.	display dat	te, week and inf	ormation, and key	stroke adjustment m	ake easier		
Т	heme display	2 display theme s	tyles, whicl	h users are free	to choose through	the buttons on the I	oroduct.		
Interface switching					nese and English i	nterface, users can b	e free to choose		
Fnergy saving model						_	n for more than		
Interface switching Built-in horizontal and vertical interface, Chinese and English interface, users can be free to choose through the buttons on the LCD. No operation, or no "Overload" "Fire" "Inspection" and other warning information for more than									

SJT-ESIM-07-ZF Dimensional Drawing

Unit: mm



Dimensional Drawing of the front

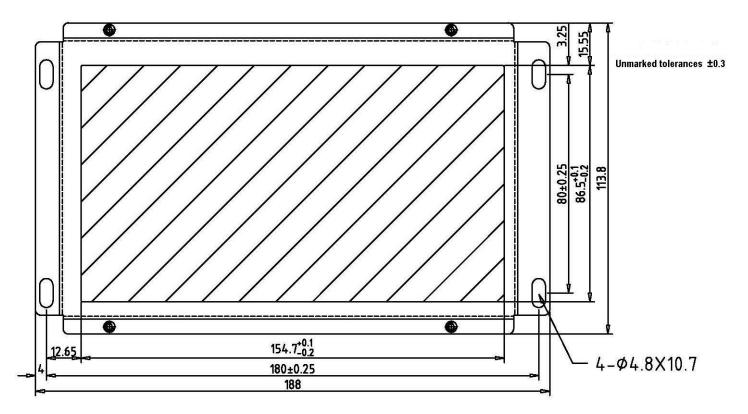


Dimensional Drawing of the back

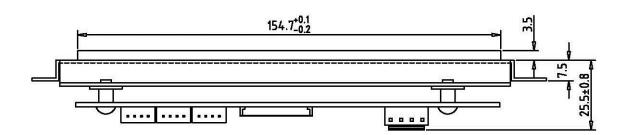
	Model	SJT-	EHCL-070	D-ZF		Order Inform	nation:	: Conventional s	apply cycle
	LCD type		7 inch TFT						
Di	splay Direction	Ho	orizontal / Verti	cal	Logi	01	The same		N age
Din	nensions of PCB	113.8mm*188mm*3		30mm	Frio		A CAME		10 10 10 10 10 10 10 10 10 10 10 10 10 1
Dimensions	of installation baseboard	No installation baseboard						ALAS (C. SW.	
			Information for similar type						
	Model			Display (Color			PCB Col	or
								Green	1
	T		Terminal def	inition and fur	nction de				
Terminal	Terminal Specifications	Fun	ction				in defini		T .
				1		2		3	4
PW	3.96-4 90°	Power & Co	mmunication	24V		GND		CANH	CANL
MODE	Press-key	Setting button		Press MODE press-key to enter the menu and press MODE press-key to change menu.					
INC	Press-key	Setting button In menu interface, press INC press-key to set parameters							
USB	USB Port	Conne	ct U disk	Update prog	ram and	change picture	by U dis	k	
			Fı	unction Descri	iptions				
	This pr	oduct is a 7-ir			•	not be used as	a calling	; board.	
Ele	evator display	Display the	floor, direction	on and statu	s of elev	ator in real ti	me.		
А	larm display		_		-	lay "Overload English is avail		", "Inspection" a	nd other warning
Pic	ture playback	Loop playba	ack pictures (jpg format)					
N	lews display	The interface		user's LOG	O, date,	week and info	ormatio	on, and keystroke	adjustment make
ı	USB update						the update of the , and the operati		
Inte	rface switching		zontal and ve buttons on t		ace, Chi	nese and Engl	ish inte	erface, users can	freely choose
Note: The so	quare bond pad of foot pin	s on terminal	's back is No.1.	To the other s	side, they	/ are No.2, No.3	and No	.4 in sequence.	

SJT-EHCL-070D-ZF Dimensional Drawing

Unit: mm

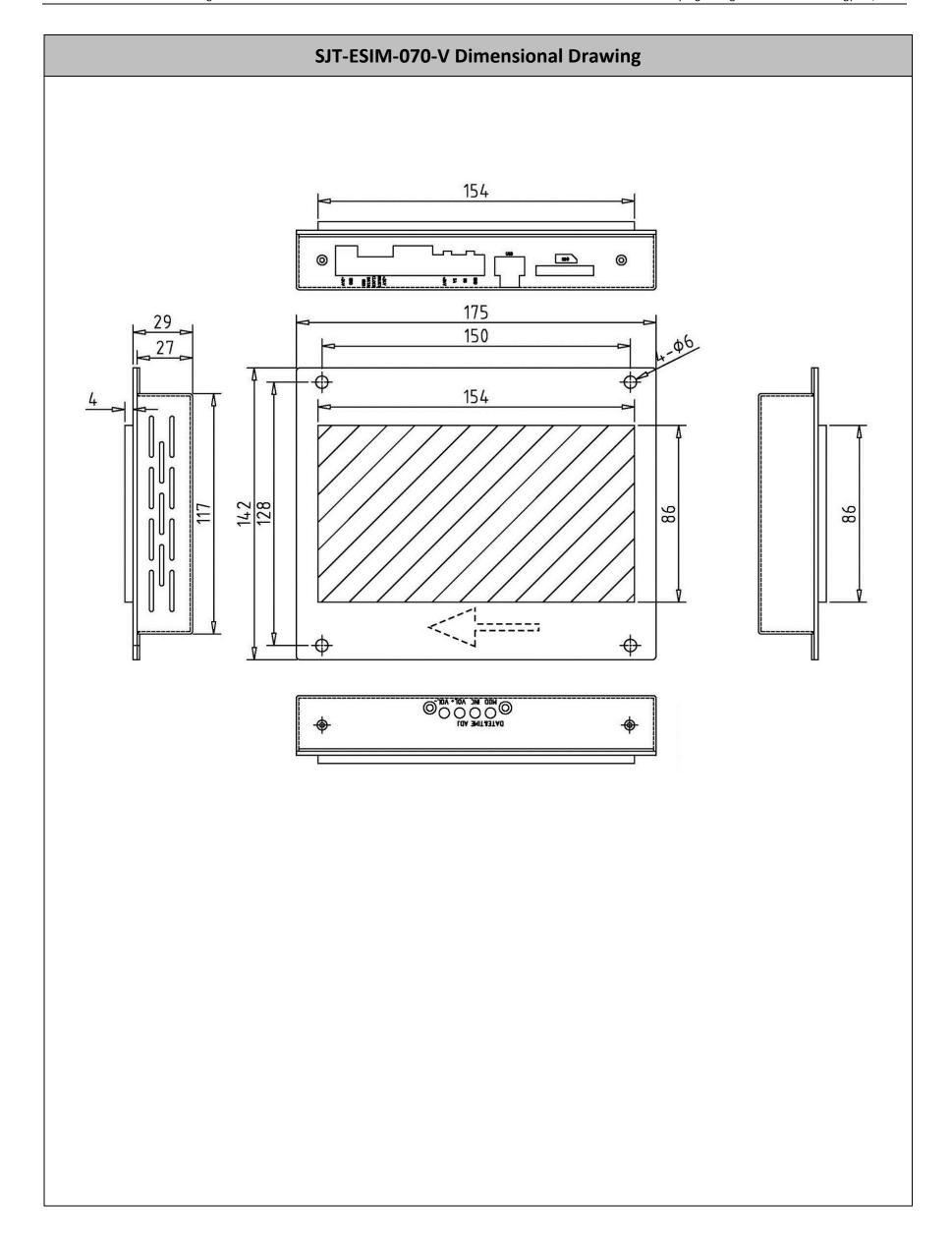


Dimensional Drawing of the front



Dimensional Drawing of the back

М	odel		SJT-ESIM	-070-V	O-V Order Information: Contact sale manager for confirmation				
Displ	ay type	7-ind	ch TFT water-drop background)	61	n o	16-00-23		
Display	Direction		Vertical						
Dimensi	ons of PCB	175m	ım*142mm*29mı	m		12			
	of installation	No ins	tallation baseboa	rd					
			Informati	on for similar ty	уре				
	Model		Display Color			PCB Col	or		
			—— Green						
			Terminal definition	on and function d	escription				
Terminal	Terminal Specifications		Function	1	Pin 2	definition 3	4		
DIA		Da 0	Communication						
PW	3.96-4 90°	Power &	Communication	24V	GND	CANH	CANL		
MOD	Press-key	Set	ting button	Press	MOD key to er	nter date and time se	etting.		
INC	Press-key	Set	tting button	In date and ti	me setting inte	rface, press INC to so	et parameters.		
VOL+	Press-key	Incr	ease volume	Press VOL+ to increase volume.					
VOL-	Press-key	Decr	ease Volume	Press VOL- to decrease volume.					
SD	SD port	Con	nect SD card	Connect	t to SD card to o	change voice announ	cer files.		
USB	USB port	Co	onnect USB		Re	eserved			
			Functi	ion Descriptions					
	This product	is a 7-ind	ch car interior disp	olay panel and car	not be used as	a calling board.			
Elevato	or display	Display t	the floor, direction	n and status of ele	evator in real tir	ne.			
Alarm	', "Fire", "Inspection	" and other							
News	display	The inte	• •	date, week and in	formation, and	keystroke adjustme	nt make easier		
Water-drop	vertical display	Indications of floor, direction and background are matching together with the water-drop style background.							
		1							



Model Selection Manua	al for Bluelight HCB call	board				S	Shenyang Bluelight Autom	atic Technology Co.,Ltd	
Mo	odel		SJT-ETOUCH	-104-LG	Ord	ler Info	ormation: Contact s confirmatior	_	
Displa	y type	10.4-	inch TFT true color					OVERLOAD	
Display I	Direction		Vertical			1			
Dimensio	ns of PCB	310m	310mm*204mm*30mm				^	2	
	of installation board	tallation baseboard	d			300ag, 4periori	1017 Apr.36		
			Information	on for similar	type				
	Model		Disp	olay Color	ay Color PCB Color				
					—— Green				
			Terminal definition	n and function	description				
Terminal	Terminal		Function			Pin (definition		
Terminai	Specifications		runction	1	2		3	4	
(Big green	5.08-4P	Dower	& Communication	DC34V	CND		SBO (485	SAO (485	
terminals)	5.06-47	Power	x communication					communication)	
(Small green	mall green		DC241/	CNID					
terminals)	ls) 3.81-2P Power DC24V GND								
PHONE 2.54-2P Used as calling button of Intercom					Connect to calling button input				

Function Descriptions

of intercom

Connect to alarming button

input of bell

Intercom

Used as alarming button

of bell

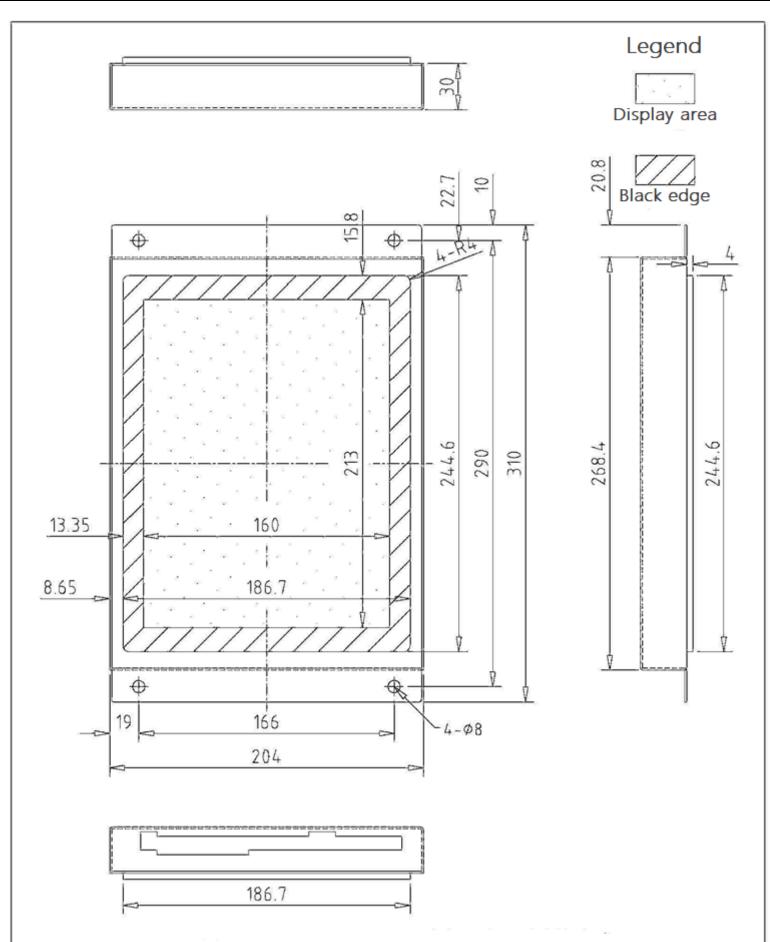
BELL

2.54-2P

This product is a 10.4-inch car interior display panel and cannot be used as a hall calling board.

Touch screen function	Use touch button to perform car call floor register, door open, door close, door open delay, intercom, alarming bell and other operations.
Elevator display	Display the floor, direction and status of elevator in real time.
Alarm display	Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and other warning information.
News display	Display date, week and other information.
Intercom and alarming bell function	Two individual relays control channels. Normal-open contacts output to trigger intercom and alarming bell.
Configurable the number of buttons	Display up to 10 buttons: maximum 8 floors car call buttons + door open and close buttons. Door open delay button, intercom button and alarming bell button are optional.
Configurable button indications	The display of touch button indications can be set, up to 3 digits (e.g.: 12A, G, B1).

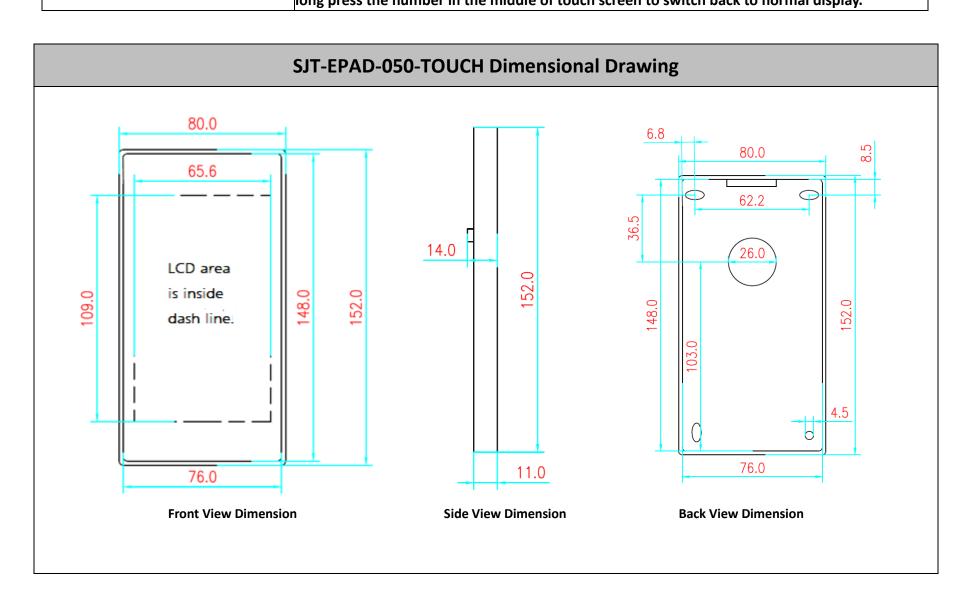
SJT-ETOUCH-104-LG Dimensional Drawing



COP Hole: 186. $7 \text{ (W)} \times 244.6 \text{ (H)} \text{ mm}$, contour fillet R4 at the four corners (Please open the hole according to this dimensions, do not need to leave margin since it has already been counted.)

Effective Display Area:160 (W) X213 (H) mm

Model		SJT-EPAD-05	SJT-EPAD-050-TOUCH		Order Information: Contact purchasing department for confirmation			
Display Type		5-inch TFT True Color Touch Screen						
Display Direction		Vertical						
Dimension		152mm*80mm*14mm						
		Informat	ion for similar ty	pe	_			
N	⁄lodel	Dis	Display Color			PCB Color		
				Green				
		Terminal definiti	ion and function des	scriptio	n			
	Terminal				Pin de	finition		
Terminal	Specifications	Function	1(24V)	2	2(AH) 3(BL)		4(GND)	
PW(JP7)	2.54-4P straigh	Power and Communication	24V	C	ANH	CANL	GND	
		Func	tion Descriptions					
Elevator	display	Display the floor, direction and status of elevator in real time.						
Alarm dishlay		Receive the elevator signal in real time, display "Overload", "Fire", "Inspection" and othe warning information.						
Touch screen calling function Use		Use touch button to re	Use touch button to register landing call.					
Floor address setting function		Long press the number that is displayed in the middle of touch screen, can set floor address. Use up landing call button and down landing call button to change floor address. After setting, long press the number in the middle of touch screen to switch back to normal display.						



Model Selection Manual for Blue	light HCB ca	II board			
Model	Model BL2000-HQK-V9.1				
Production Function	Calling board of Group control				
Dimensions of PCB	97mm*66mm*20mm				
Dimensions of installation baseboard	No installation baseboard				
Information for sim					
Model				Dis	play
					_
			Termir	nal definition and	l fun
	_				

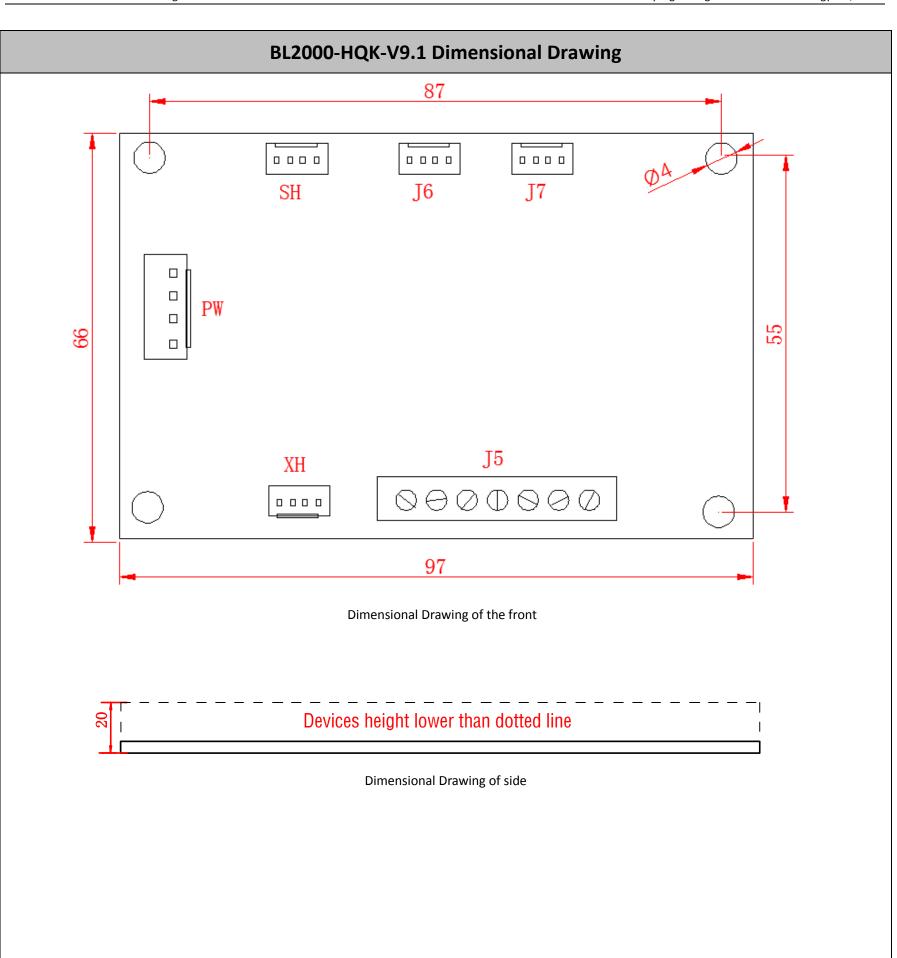
Order Information: Conventional supply cycle



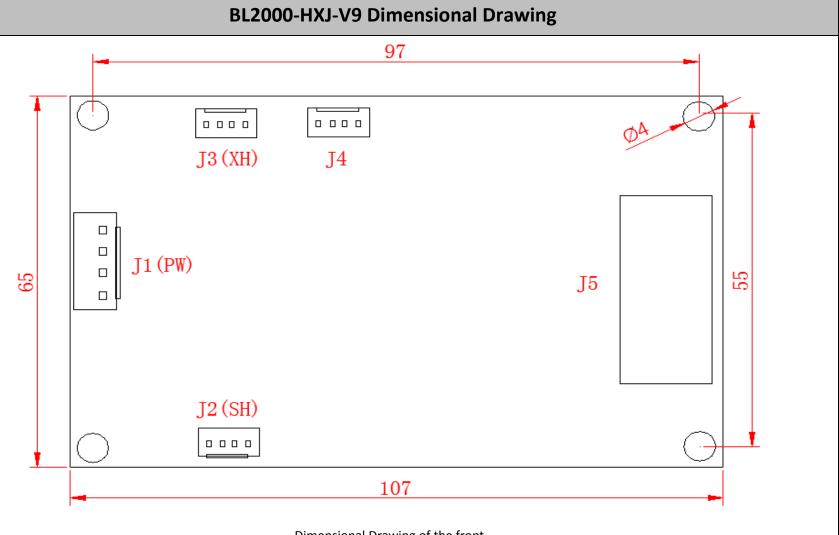
Information for similar type					
Model	Display Color	PCB Color			
		Green			

			—— Green				
		Term	inal definition and functi	·			
Terminal	Terminal	Function		Pin def			
	Specifications		1	2	3	4	
PW(J1)	3.96-4 180°	Power & Communication	24V	24V GND C		CANL	
SH(J2)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24V	Up call input(SH)	
XH(J3)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24V	Down call input(XH)	
BY0(J6)	2.54-4 180°	Serial parking input	Standby answer	24V	24V	Serial parking input(DS)	
BY1(J7)	2.54-4 180°	Serial fire input	Standby answer	24V	24V	Serial fire input(XF)	
J5	5.08-7 180°	Arrival signals output	1-Up arrival lamp output(SDZ)	2-Down arrival lamp output(XDZ)	3-Arrival commo	n 4-Arrival bell output A(DZZ-A)	
13	3.06-7 160	(Relay output) 5-Arrival bell output B(DZZ-B) 6-24V		6-24V	7-GND		
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	Short jumper to connect CAN communication terminal resistor				
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1	for details.			
AN		Address Setting key	Refer to Appendix A.1 for details.				
JC,EN/DS	2.54-2 180°	Function Setting Jumper	Short JC and EN/DS at the same time, enter the function setting mode. R B.4 for details.			mode. Refer to Appendix	
			Terminal connection diagram				
SH	1	ХН	BY0	B	/1	J5	
10, 20, 30	γ4 γ	1 - 2 - 3 - 4 -	10 20 30 40	10 20 3	3949	10 20 30 40 50 60 70	

24V 24V DS SD 24V XD 24V X 24V XF 24V SH



Mo	Model BL2000-HXJ-V9 Order Information: Co					ventional s	upply	cycle
	n Function		former board 65mm*16.5					
	of installation board	No installat	ion baseboard					
			Terminal definition and for	unction description	7.00			
Terminal	Terminal Specifications	Function	1	Pin def 2	inition 3			4
J1(PW)	3.96-4 180°	Power & Communication	24V	GND	CAN	IH		CANL
J2(SH)	2.54-4 180°	Up call button	Up call answer(SD)	24V	24	V	Up	call input <mark>(SH)</mark>
J3(XH)	2.54-4 180°	Down call button	Down call answer(XD)	24V	24	V	Down	call input(XH)
J4	2.54-4 180°	Serial input port	24V	Serial parking input (DS)	24	V	Seria	I fire input(XF)
S1	2.54-2 180°	CAN communication terminal resistor jumper (on board)	stor Short jumper to connect CAN communication terminal resistor					
SZ	2.54-2 180°	Address Setting Jumper	Refer to Appendix A.1 fo	or details.				
AN		Address Setting key-press	Refer to Appendix A.1 fo	or details.				
JC,DS	2.54-2 180°	Function Setting Jumper	Short JC and DS at the same time, enter the function setting mode. Refer to Appendix B.5 for details.					ndix B.5 for
		J5-1	+24V Output	J5-11		Up run		
		J5-2	+24V Output Ground			J5-12		Down run
		J5-3	Floor display: Binary bit7	BCD code High bit 3 Gra	aycode bit 7	J5-13		Running
		J5-4	Floor display: Binary bit 6	BCD code High bit 2 Gr	aycode bit 6	J5-14		Overload
		J5-5	Floor display: Binary bit 5	BCD code High bit 1 Gr	aycode bit 5	J5-15		Full load
J5 (OC output)	2*10P plug-in unit	J5-6	Floor display: Binary bit 4	BCD code High bit 0 Gr	aycode bit 4	J5-16		Fire Service
		J5-7	Floor display: Binary bit 3	BCD code Low bit 3 Gra	aycode bit 3	J5-17		Inspection
		J5-8	Floor display: Binary bit 2	BCD code Low bit 2 Gra	aycode bit 2	J5-18		Parking
		J5-9	Floor display: Binary bit 1	BCD code Low bit 1 Gra	aycode bit 1	J5-19		User
			Floor display: Binary bit 0	<u> </u>	•	J5-20		Arrive Output
		note: The wirings of refer the labels on t	f J5 port should be carric he plug.	eu out according to this	iist and J5 se	equence num	iber di	agram. Do not
			Terminal connecti					
	J2 10 20 30 40 08 Ab2 H8		Ji 10 20 3 QX AA Sack is No.1. To the other s	30 40 AY		J4 1 2 3 3 2 8 7 8	Q 4 Q	



Dimensional Drawing of the front



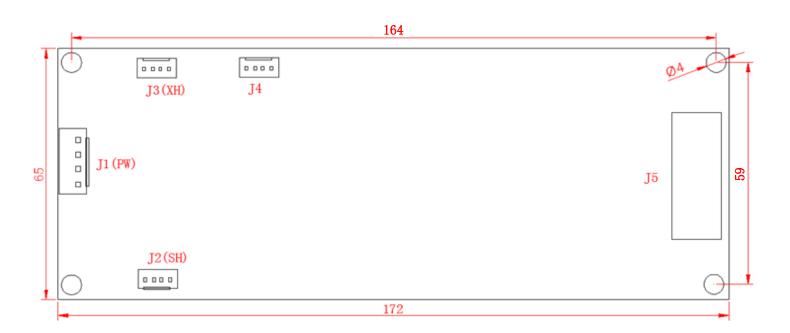
Dimensional Drawing of side



J5 sequence number diagram

Model BL2000-HXK-V9 Order Information: Conventional supply cycle						cycle			
Production Fu	nction	ction Port transformer board					1.61-140-01-020-200-01-07-035		
Dimensions o	of PCB 172mm*65mm*20mm		0mm						
	Dimensions of installation baseboard)2mm*145mm*30mm						
	T		Te	rminal defi	nition and function desc				
Terminal	Termi Specifica		Functi	on	1	Pin defir 2	nition 3	4	
J1(PW)	3.96-4	180°	Power & Com	munication	24V	24V	CANH	CANL	
J2(SH)	2.54-4	180°	Up call b	utton	Up call answer(SD)	24V	24V	Up call input(SH)	
J3(XH)	2.54-4	180°	Down call	button	Down call answer(XD)	24V	24V	Down call input(XH)	
J4	2.54-4	180°	Serial parki	ng input	24V	Serial parking input(DS)	24V	Serial fire input(XF)	
S1	2.54-2	CAN communication 2 180° terminal resistor jumper (on board)		or jumper	Short jumper to connect serial communication terminal resistor				
SZ	2.54-2	180°	Address Setti	ng Jumper	For details, see Append	ix A.1			
AN			Address Set	ting key	For details, see Append				
JC,EN	2.54-2	180°	Enable functions jumper Short JC and EN at the same Appendix B.5 for details.				er the function s	etting mode. Refer to	
			J5-1	+24V Output			J5-11	Fire Service	
			J5-2	J5-2 +24V Output Ground				Full load/Overload	
			J5-3 Floor display: Binary 6 BCD o		lay: Binary 6 BCD code H	ligh 2 Graycode 6	J5-13	Y8-Y9 common terminal	
			J5-4	Floor display: Binary 5 BCD code High 1 Graycode 5			J5-14	Inspection	
			J5-5	Floor disp	ay: Binary 4 BCD code High 0 Graycode 4		J5-15	Parking	
J5	2*10 plug-in		J5-6	Floor disp	oor display: Binary 3 BCD code Low 3 Graycode 3			Y10-Y11 common terminal	
(Relay output)	piug-iii	unit	J5-7	Floor disp	lay: Binary 2 BCD code L	ow 2 Graycode 2	J5-17	Running	
			J5-8	Floor disp	lay: Binary 1 BCD code L	ow 1 Graycode 1	J5-18	Up run	
			J5-9	Floor disp	lay: Binary 0 BCD code L	ow 0 Graycode 0	J5-19	Down run	
			J5-10	Y1-Y7 common terminal			J5-20	Y12-Y14 common terminal	
	Note: The wirings of J5 port should be carried out according to this list and J5 sequence number diagrams. Do not refer the labels on the plug.						nce number diagram.		
				.5 .450.65	Terminal				
	J2				J3		J4		
					}				
S 240 SH 24V SH 24V			\Box	747 XH XH XH		1 2 3 4			
	• •	ot pins o	l n terminal's bac		o the other side, they are	e No.2, No.3 and No.4	in sequence.		

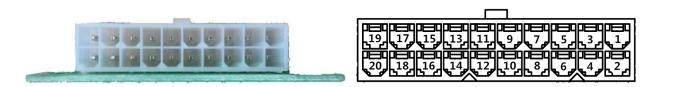
BL2000-HXK-V9 Dimensional Drawing



Dimensional Drawing of the front



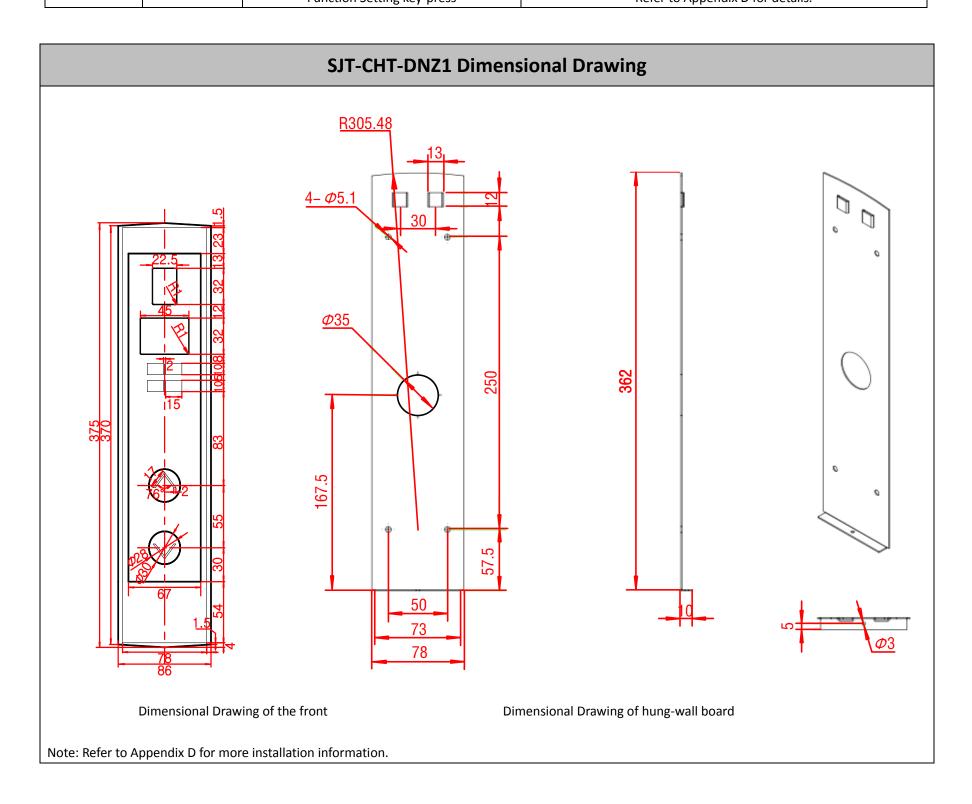
Dimensional Drawing of side



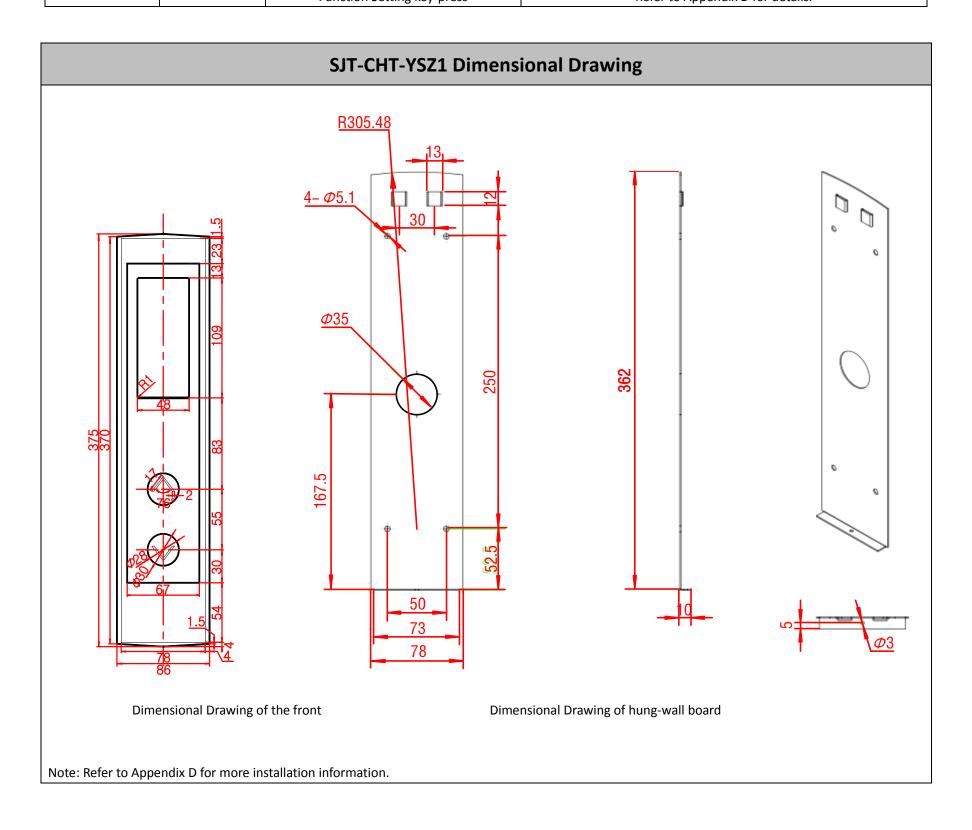
J5 sequence number diagram

Note: Refer to fig.3 in Appendix C for the dimensions of installation baseboard.

	Model	SJ	T-CHT-DNZ1	Orde	Information: Co	nventional sup	ply cycle	
D	isplay Module	Round dot matrix		4	9 9			
Di	Display Direction		Vertical					
Dim	ension of Product	375r	nm*86mm*20mm			mensus en		
			Information for simila	r type				
	Model	Parking/No		Position of call board				
	SJT-CHT-DSZ1		Parkin	g		Middle floor		
	SJT-CHT-DSX1		Parkin		Bottom floor			
	SJT-CHT-DNS1		No parki	ing		Top floor		
	SJT-CHT-DNZ1		No parki	ing		Middle floor		
	SJT-CHT-DNX1		No parki					
		Te	rminal definition and function	on description				
Terminal	Terminal	Eur	ection		Pin defi	nition		
Terminal	Specifications	Full	iction	1	2	3	4	
PW	3.96-4 90°	Power & Co	mmunication	24V	GND	CANH	CANL	
J3	2.54-2 90°	Fire S	Service	+7V	Fire(XF)			
AN			ting key-press ting key-press	F	Refer to Appendix A Refer to Append		S	



	Model	S.	SJT-CHT-YSZ1			Information: Con	ventional supp	oly cycle		
Disp	olay Module		Segment LCD							
Disp	ay Direction		Vertical							
Dimension of Product			375mm*86mm*20mm				. 0			
		•	Information for si	milar type						
Model			Parking/No parking			P	Position of call board			
	SJT-CHT-YSZ1		Parking				Middle floor			
	SJT-CHT-YSX1		Parking				Bottom floor			
	SJT-CHT-YNS1		No parking				Top floor			
	SJT-CHT-YNZ1		No parking				Middle floor			
	SJT-CHT-YNX1		No parking			Bottom floor				
		Te	rminal definition and fu	nction descri	iption					
Terminal	Terminal	-	unction			Pin defin	ition			
reminai	Specifications	F	unction	1		2	3	4		
PW	3.96-4 90°	Power &	Communication	24\	V	GND	CANH	CANL		
J3	2.54-2 90°	Fir	e Service	+7\	V	Fire Service(XF)				
AN			Address Setting key-press Function Setting key-press			Refer to Appendix A.1 Refer to Appendix				

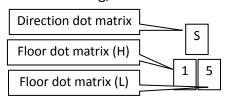


Appendix A Floor Address Setting

A.1 Setting With Key-press or Jumper

Keep pressing setting button (AN) or short setting jumper, 2 seconds later, it will enter floor address setting interface.

After enter this setting, direction dot matrix will show "S", and floor dot matrix will show current address setting. For example,



S means floor address setting

15 means address value.

As the call board, address corresponds to the floor number. That is to say the address of bottom floor call board should be set to "1", others' address increase by degrees until the top floor. The maximum address should not beyond 64. While used as car display board, the address should be set to "0".

While there are independent controllers of rear door and front door, the address of rear door call board should be started from "33", and so on; the maximum address cannot beyond 64.

First way of setting

Keep pressing setting button, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. The address increases from 1 to 64 and loop after press setting button or keep press setting button.

After setting address, release button, 2 seconds later, the address will flicker and be saved. Then the call board enters to normal mode.

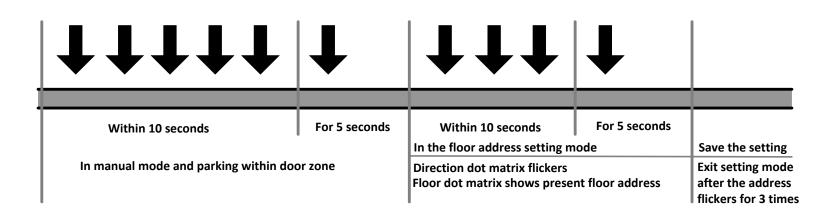
Second way of setting

Short setting jumper, 2 seconds later, the direction dot matrix shows "S". 3 flickers later, it enters address setting. Press up call (SH) or down call (XH) button can alter the address value.

Remove setting jumper (SZ), the direction dot matrix shows "S" and the address number will be saved after 3 times flicker. Then the call board enters to normal mode.

A.2 Setting With Up-Call Button or Down-Call Button

When the elevator runs in manual mode and parking within door zone, address setting can be carried out by up call button or down call button (named setting button below). When the up call button and down call button all exist, anyone can be used as setting button. When setting button is in used, the other button works, this setting will be of no effect. The way of setting is as follow.



Make sure the elevator runs in manual mode and parking within door zone.

- 1. Press the setting button 5 times in 10 seconds, then press the setting button for 5 seconds, the system enters in address setting mode.
- 2. In the address setting mode, direction dot matrix will flicker. Floor dot matrix shows present floor address.

Present Floor Address= Present Floor Number from the Controller+1

3. Press the setting button 3 times in 10 seconds, and then press the setting button for 5 seconds. Present address will be saved. The floor address matrix flickers 3 times, and the call board enters in normal working mode

Appendix B Function setting

B.1 Dot Matrix Display Call Board Setting Method

B.1.1. Setting Method

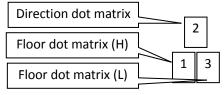
1 Enter function setting

Select a nearest call board, cut off the power (remove PW). Short jumper JC and jumper EN (DS). Then power on, it will enter function setting.

2 Function setting operation

After entering function setting, direction dot matrix will show "U" and "P" in turn. While showing "U", the number in floor dot matrix is current custom number. While showing "P", the number in floor dot matrix is program version. Press "AN" button to enter function setting. (If no AN button on the call board, the dot matrixes flicker 3 times, and then it enters the function setting mode.)

In function setting interface, direction dot matrix shows item number and floor dot matrix shows current value. For example,



- 2: Item number, 2 means inspection display setting
- 1: Car display board setting, 1 means normal display in inspection mode
- 3: Call board setting, 3 means no direction but only character display in inspection mode

Pressing AN button will switch among dot matrix. The selected dot matrix will flicker and then you can set its value. Press up call button SH and down call button XH to alter current value.

3 Save and transmit setting

After setting complete, you need save current setting (Refer to **B.1.2.20** for details) of current call board.

If you want to update and synchronize all call board setting, you can enter *Transmit setting* item in inspection mode and static status after saving (Refer to B.1.2.21 for details.) and send setting results to other call board and car display board.

4 Exit setting

Remove test jumper JC and enable jumper EN (DS), then the call board enter to normal mode.

If removing jumper before transmitting and saving setting, all function settings will not change.

B.1.2. Setting item

B.1.2.1 Setting Item 0 - Setting of Car display board LED

- 0 L: Left LED setting. R: Right LED setting. Default setting: L=1, R=2.
- L R L, R value: 0 no display, 1 used, 2 full load, 3 overload, 4 inspection, 5 fire, 6 error, 7 running
- B.1.2.2 Setting Item 1 Setting of call board LED
 - 1 L: Left LED setting. R: Right LED setting. Default setting: L=1, R=2.
 - L, R value: 0 no display, 1 used, 2 full load, 3 overload, 4 inspection, 5 fire, 6 error, 7 running L R
- B.1.2.3 Setting Item 2 Setting of inspection display mode

L: Car display setting. R: Call board display setting. Default setting: L=2, R=2



L, R value: 1 normal display

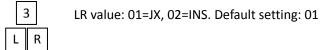
2 characters while stop, normal while running

3 no direction, only characters

4 no direction and floor

5 Have direction, display characters and floor in turn (Only when characters is 1 bit or 2 bit)

B.1.2.4 Setting Item 3 – Setting of inspection characters (Car display board is same with call board)



B.1.2.5 Setting Item 4 – Setting of parking status

L: Car display setting. R: Call board display setting. Default setting: L=1, R=2

4 L, R value: 1 normal display, black after 30 seconds from homing completed. L R

2 no direction, only characters, black after 30 seconds from homing completed

3 no direction and characters

4 no direction, only characters (Only for call board)

B.1.2.6 Setting Item 5 – Setting of parking characters (Car display board is same with call board)

L, R value: 01=ZT, 02=PARK, 03= Default setting: 01

B.1.2.7 Setting	Item 6 - Setting of full load status (Only for call board)
	L, R value: 01 normal display
6	02 Display direction and characters
L R	03 characters while stop, normal while running
	04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)
	Default setting: 01
B.1.2.8 Setting	Item 7 - Setting of full load characters (Only for calling board)
7	L, R value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.
L R	Default setting: 01
B.1.2.9 Setting	Item 8 - Setting of overload status (Only for car display board)
	L, R value: 01 normal display
8	02 Display direction and characters
L R	03 Display characters while stop, normal while running
	04 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)
	Default setting: 03
B.1.2.10 Setting	g Item 9 - Setting of overload status (Only for car display board)
9	L, R value: 01=CZ, 02=OL, 03=OVER LOAD. Default setting: 01
L R	
B.1.2.11 Setting	g Item A - Setting of fire initial status (Only for call board)
А	L, R value: 01 normal display
L R	02 no direction and floor
	03 same setting as fire status setting
	Default setting: 02
B.1.2.12 Setting	g Item B - Setting of fire status
	L: Car display setting. R: Call board display setting. Default setting: L=1, R=1
В	L, R value: 1 normal display
L R	2 Display characters while stop, normal while running
	3 Have direction, display characters and floor in turn (Only when character is 1 bit or 2 bit)
B.1.2.13 Setting	g Item C - Setting of fire characters (Car display board is same with call board)
С	L,R value: 01=XF, 02=FR, 03=FIRE. Default setting: 01
L R	
	g Item D - Setting of error display (Only for car display board)
5-1-1-1 Gottin-1	L, R value: 01 normal display
D	02 display characters
	03 Display characters while stop, normal while running
L R	04 Display characters and floor in turn
D	refault setting: 03
	rror display: Error F, Door open error n, Door close error u, Door stop error o
	g Item E - Setting of direction arrow
	L value: 0 thin arrow
E	1 thick arrow
L R	R value: 1 no roll while running
	2 roll while running
	Default setting: 02
B.1.2.16 Setting	g Item F - Display mode
	L value: 0 pull screen while floor changed, 1 vertical roll while floor changed
F	2 horizontal roll while floor changed, 3 no roll while floor changed
L R	Default setting: 0
	R value: 0 no floor flicker while deceleration, 1 floor flicker while deceleration
	Default setting: 0

B.1.2.17 Setting Item G - Setting of arrival lamp and arrival bell

G L R L Arrival lamp: 0 flicker

1 no flicker

R Duration time of arrival bell: (2+N*0.5) seconds

Default setting: 00

B.1.2.18 Setting Item H - Display setting



L: Display area setting of the third characters while three characters

While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected, the relation of display is as below:

Mainboard setting	Α	В	C	D	E	F	G	Η	ı	J	K	L	Μ	Ν	0
Character display while L=0	Α	В	С	D	Ε	F	G	Н	_	J	K	Г	М	N	0
Character display while L=1	Α	В	С	D	Ε	0	1	2	3	4	5	6	7	8	9

R: When only single character, setting for its position (Only for 11*7 dot matrix)

0 in the middle

1 in the right

Default setting: 00

B.1.2.19 Setting Item R - Recover to default setting

R

L=5, R=5 recover to default setting, R flickers and success when L=0, R=0

L R

This setting only recovers current setting to default value, no save operation.

B.1.2.20 Setting Item S - Save setting

S R

L=5, R=5 save setting, S flicker and success when L=0, R=0

B.1.2.21 Setting Item T - Save and transmit setting

Т

L=5, R=5 save and transmit setting, totally 3 times, display the odd times with L&R while transmitting.

L R

T flickers and success to transmit setting to other call board (include car display board) when L=0, R=0. T flickers and fail when L=1, R=1.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.2 Segment LCD Display Call Board Setting Method 1

B.2.1 Setting Method

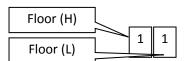
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

Left figure displays setting item code, and right figure displays current function number.



- 1 Setting item code, that means call display setting in parking period.
- 1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off.

Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **B2.2.13** for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **B.2.2.14** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

B.2.2 Setting Items

B.2.2.1 Setting Item 0 - COP display Parking Status Setting



N Value: 1 Normal display. Arrive at the base floor 30 seconds later, display off.

2 Not display direction and floor, but display Θ sign, and arrive at base floor 30 seconds later, display off.

3 Display off.

Default: 1

B.2.2.2 Setting Item 1 - Call Board display Parking Status Setting

1 N

N Value: 1 Normal display. Arrive at base floor 30 seconds later, display off.

2 Not display direction and floor, but display Θ sign, and arrive at base floor 30 seconds later, display off.

3 Display off.

4 Not display direction and floor, but display Θ sign.

Default: 2

B.2.2.3 Setting Item 2 - Setting of error display (Only for COP display board)

2 N

N Value: 1 Normal display.

2 Display characters.

3 Display characters while stop, and display normal while running.

4 Characters and floor display in turn.

Default: 3

Error display characters: Error F, Door open error n, Door close error u, Door stop error o

B.2.2.4 Setting Item 3 - Setting of inspection characters (Car display board is same with call board)

3 N

N value: 1 Display INS while stop and normal display while running.

2 Normal-display

3 Not display direction, but display INS.

4 Not display direction and floor, but display x sign.

Default setting: 2

B.2.2.5 Setting Item 4- Call Board display Inspection Status Setting

4 N

N Value: 1 Display characters INS while stop, and display normal while running.

2 Normal display

3 Not display direction, but display characters INS.

4 Not display direction and floor, but display × sign.

Default setting: 2

B.2.2.6 Setting Item 5 - Fire Initial State Display Setting (Only for call board)

5 N

N Value: 1 Normal display

2 Not display direction and floor

3 The same to Fire setting

Default setting: :2

B.2.2.7 Setting Item 6 - Fire Status Display Setting for COP board

6 N

N Value: 1 Normal display

2 Diamlas, abassasta

2 Display characters FIRE while stop, and display normal while running.

3 Not display direction, but display characters FIRE

Default: 1

B.2.2.8 Setting Item 7 - Fire Status Display Setting for call board

7 N

N Value: 1 Normal display

2 Display characters FIRE while stop, and display normal while running.

3 Not display direction, but display characters FIRE

Default: 1

B.2.2.9 Setting Item 8 - Display Mode

8 N

N Value: 0 Not flicker at speed-change floor

1 Flicker at speed-change floor

Default: 0

B.2.2.10 Setting Item 9 - Arrival Lamp Setting

9 N

N Value: 0-Flicker

1-Not flicker

Default: 0

B.2.2.11 Setting Item A - Arrival Gong Setting

A N

N Value: 0-7

Arrival signal last time: (2+N*0.5) seconds

Default: 0

B.2.2.12 Setting Item B - The third characters display setting for three characters display

В П

While three characters, the third character can be set by custom through mainboard setting. There are 15 characters can be selected, the relation of display is as below:

Mainboard setting	Α	В	С	D	Ε	F	G	Н	_	J	K	L	М	Ν	0
Character display while L=0	Α	В	С	D	Ε	F	G	Н	_	J	K	L	М	N	0
Character display while L=1	Α	В	С	D	Ε	0	1	2	3	4	5	6	7	8	9

Default: 0

B.2.2.13 Setting Item C - Save Setting

Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

CN

B.2.2.14 Setting Item T - Save and Transmit Setting



Press down-call button, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.3 Segment LCD Display Call Board Setting Method 2

B.3.1 Setting Method

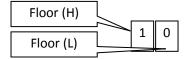
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumpers JC. Then power on, it will enter checking mode. Press up-call button and down-call button at the same time, 2 or 3 seconds later, it enters the setting mode.

2. Function setting

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.



- 1- Setting item code. That means English car status display setting.
- 0- means English car status not display

Press up-call button to change setting item, and press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **B.3.2.10** for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **B.3.2.11** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

B.3.2. Setting Items

B.3.2.1 Setting Item 0 - Chinese Car Status (Full load, overload, inspection, fire) Display Setting

0 N

N Value: 0 Not display

≠0 Normal display

Default: 1

B.3.2.2 Setting Item 1 - English Car Status (Full load, overload, inspection, fire) Display Setting

1 N

N Value: 0 Not display

≠0 Normal display

Default: 0

B.3.2.3 Setting Item 2 - Parking Status Display Setting for COP board

2 N

N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.

2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.

3 Not display direction and characters.

Default: 1

B.3.2.4 Setting Item 3 - Parking Status Display Setting for Call board

3 N

N Value: 1 Normal display, and arrive at base floor 30 seconds later display off.

2 Not display direction, but display characters, and arrive at base floor 30 seconds later display off.

3 Not display direction and characters.

4 Not display direction, but display characters.

Default: 2

B.3.2.5 Setting Item 4 - Parking Status Display Characters Setting (For call board and COP board, the characters are the same)

4 N

N Value: 1=ZT Default: 1

B.3.2.6 Setting Item 5 - Error Display Setting (Only for COP board)

5 N

N Value: 1 Normal display

2 Display characters

3 Display characters while stop, normal display while running.

4 Display characters and floor in turn.

Default: 3

Display Error: Error F, Door Open Error n, Door Close Error u, Door Stop Error o

B.3.2.7 Setting Item 6 - Display Mode

6 N

N Value: 0 Not flicker at speed-change floor

1 Flicker at speed-change floor

Default: 0

B.3.2.8 Setting Item 7 - Arrival Lamp Setting

7 | N

N Value: 0-Flicker

1-Not flicker

Default: 0

B.3.2.9 Setting Item 8 - Arrival Gong Setting

8 N

N Value: 0-7

Arrival signal last time: (2+N*0.5) seconds

Default: 0

B.3.2.10 Setting Item 9 - Save Setting

9 Ν Press down-call button, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means saving current setting success.

B.3.2.11 Setting Item T – Save and Transmit Setting

т Ν Press down-call button for 3 seconds, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

Note: This function must be operated in inspection mode and the elevator must stop, otherwise, other call board will not receive the settings.

B.4 Group Control Call Board Setting Method

B.4.1 Setting Method

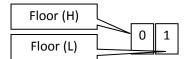
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter setting mode.

2. Function setting

In setting mode, display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, left figure displays setting item code, and right figure displays current function number.



0 Setting item code. That means arrival gong time setting.

1 Arrival gong time is set to 1, which means arrival signal last for 2 seconds.

Press AN button to change setting item, and press up-call button or down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **B.4.2.4** for details)

If the whole call system update is needed, enters transmit set item(Refer to B.4.2.5 for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC and EN (DS) jumper, the call board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

B.4.2. Setting Items

B.4.2.1 Setting Item 0 - Arrival Gong Time Setting

0 Ν Arrival gong signal last time: (2+N*0.5) seconds

N Value: 0-8

Default: 0

B.4.2.2 Setting Item 1 - Arrival Lamp Pulse Interval Setting

1 N

Arrival Lamp Pulse Interval: (1+N)*0.5 seconds

N Value: 0-8 Default: 0

B.4.2.3 Setting Item 2 - Arrival Lamp Mode Setting

2 N

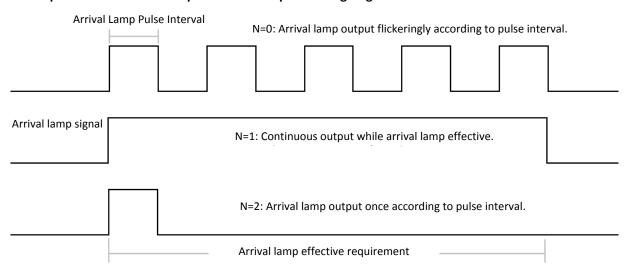
N Value: 0 Arrival lamp output flickeringly according to pulse interval.

- 1 Continuous output while arrival lamp effective.
- 2 Arrival lamp output once according to pulse interval. [Note]

Default: 0

Note: While N is set to 0 or 1, the requirement of arrival lamp effective is a speed-change signal occurs in current door zone or door is open in current door zone.

The requirement of arrival lamp effective is a speed-change signal occurs in current door zone.



B.4.2.4 Setting Item 3 - Save Setting

Press up-call button and down-call button at the same time, 3 seconds later, N start to flicker, and N changes from 3 to 0 which means Ν saving current setting success.

B.4.2.5 Setting Item 4 - Save and Transmit Setting

4 Ν

Press up-call button and down-call button at the same time, 3 seconds later, transmission starts. Transmission will be carried out for 3 timers, and N shows the residual number of transmissions in processes. N Flickers and changes from 3 to 0 which means transmit to other call-boards successfully or else failed.

- Note 1: This function must be operated in manual mode and the elevator must stop, otherwise, other group call board will not receive the settings.
- Note 2: If there is another model call board in the same CAN communication net, with the condition which is not fulfilled Note 1, it's possible to change other model call board parameters setting.

B.5 Port Transformer Board Setting Method

B.5.1 Setting Method

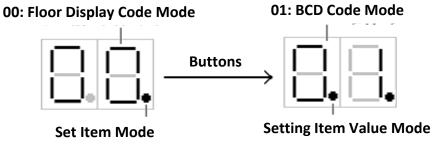
1 Enter function setting

Select a nearest call board, cut off the power (remove communication cable J1). Short the jumper JC and the jumper EN (DS). Then power on, it will enter setting mode.

2. Function setting

After entering setting mode, 7-segment-code LED displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Pressing AN button or up-call / down-call button, system enters the function setting mode.

In function setting mode, decimal points on 7-segment-code LEDs indicate tow status, the setting items or setting values. It is in selecting setting item mode while the decimal point on right 7-segment-code LED lightening on. It is in setting item value mode while the decimal points on left and right 7-segment-code LEDs all lightening on. Examples are as below.



Press AN button to switch the tow modes- Setting Items or Setting Item Value, and press up-call button or down-call button to change the current set value.

3. Exit the Display Setting

Pull out the JC and EN (DS) jumper, the transformer board enters normal work mode.

If pull out the jumpers before transmitting and saving parameters operations, all the function parameters will not be changed.

B.5.2 Setting Items

B.5.2.1 Setting Item 00 - Floor-display code mode

Value: 0 - Binary Code

- 1 Binary-Coded Decimal (BCD)
- 2 Binary Gray Code

Default: 0

B.5.2.2 Setting Item 01 - Floor-display output mode

Value: 0 - Physical floor + Offset output

- 1 Main control board floor-display setting+ Offset output
- 2 Physical floor + Code table (Display conversion table provided by manufacturer) output
- 3 Main control board floor-display setting + Code table (Display conversion table provided by manufacturer) output

Default: 0

Physical floor: For the N floor lift, 0 means the bottom floor, 1 means the second bottom floor, and N-1 means top floor.

Offset: digit 0 - 9, can be changed by configuration.

Example 1: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor 2.

Output in the physical floor plus offset way, the output is 3+1=4.

Example 2: Assuming that offset is 1. Lift stops at the 2 floor (There are 2 floors of basement), the current physical floor is 3, and the lift displays floor 2.

Output in the main control board floor-display setting plus offset way, the output is 2+1=3.

In this way, the characters main control board set only can be digit 0 to 9, and 3-bit display is not supported.

Example 3: Lift stops at basement 1 (There are 2 floors of basement), the current physical floor is 1, and the lift displays B1. (Corresponding to B1, the display code is 60.) In code table, TB (1) =60.

Output in the physical floor plus code table way, the output is 60.

Example 4: Lift stops at floor 13, the lift displays floor 12A. (Corresponding to 12A, the display code is 86.).

Output in the physical floor plus code table way, the output is 86.

B.5.2.3 Setting Item 02 - Floor-display output offset

Value: 0-9. Default: 1

B.5.2.4 Setting Item 03- Up arrival and down arrival output setting

Value: 0- Output in conformity to 0.5 second pulse interval when lift arrival.

1 - Arrival signal continuous output

Default: 0

B.5.2.5 Setting Item 04- save setting

In the item value setting mode, press up-call button and down-call button simultaneously. 2 seconds later, the 7-segment-code LEDs start to flicker. Flicker

for 3 times means save success.

B.5.2.6 Setting Item N- Port signal output setting

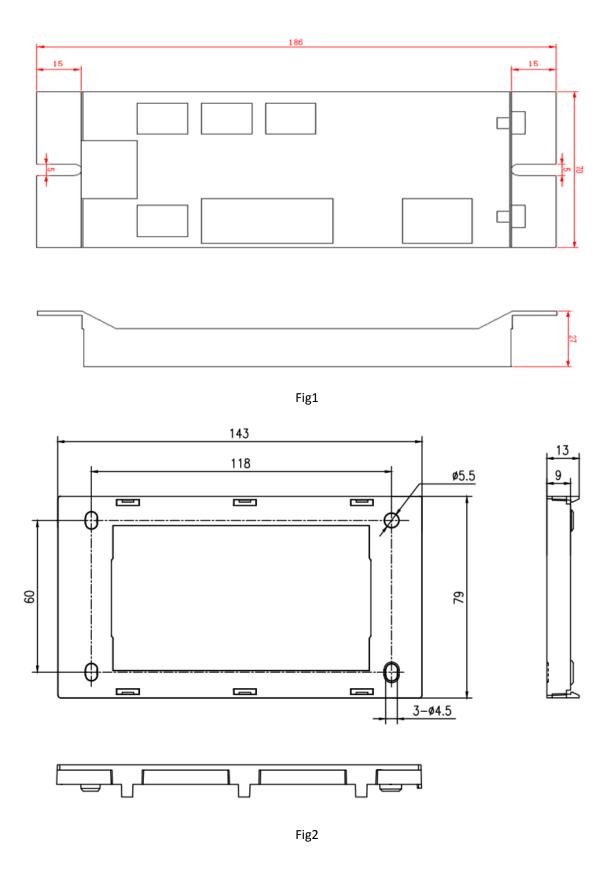
N is for 11-20 representing J5-11 to J5-20.

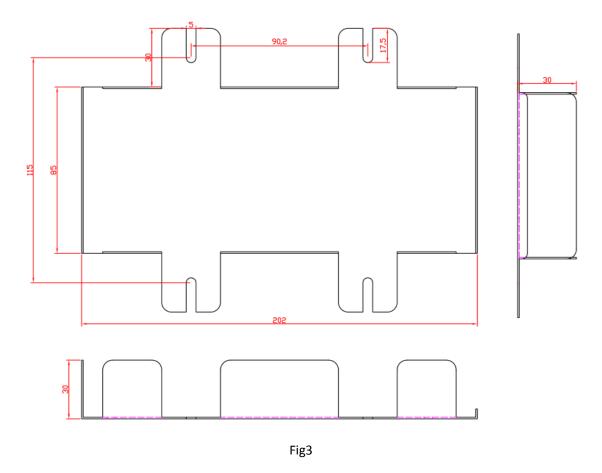
Value: 0-22 corresponding to the output in the following table.

Port Signal Output Code Table

Code	Output Signal	Code	Output Signal									
00	Parking	12	Door interlock off									
01	Inspection	13	Door open									
02	Fire	14	Door close									
03	User	15	Up									
04	Manual	16	Down									
05	Auto	17	Run									
06	Error	18	Stop(No run signal)									
07	Overload	19	Full load*/ Overload**: *	*For call display board, **For COP display board								
08	Full load		Aminal autout, spand abo	and signal come output for 2 seconds								
09	Safe loop	20	· · ·	Arrival output: speed-change signal come, output for 2 seconds Current floor output for call board display, arrival gong output for COP board								
09	(Emergency stop)		Current noor output for t									
10	Fire and stop at fire floor	21	Up arrival output	Output requirements are speed-change signal in current floor door zone or door open at current floor, and direction signal								
11	Door interlock	22	Down arrival output	comes.								

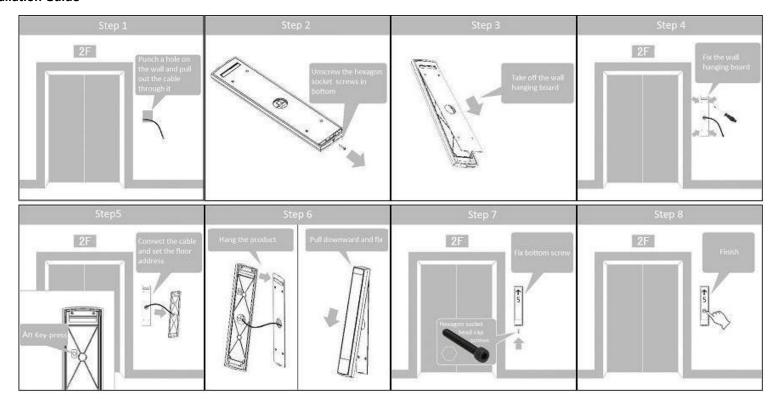
Appendix C Dimensions of installation baseboard





Appendix D Touch-button Call Board Installation Guide and Setting Method

D.1 Installation Guide



D.2 Floor Address Setting Method

The same as appendix A.1 and A.2

D.3 Button Brightness Setting

1. Enter the Setting Mode

Open the box of call board, and press AN key-press on the SJT-BUTTON-CVx board for 1 second, button appears red and white alternately for 3 times ,and then enter the button lightness setting mode.

- 2. Brightness Setting Method
- ① In setting mode, buttons light in white. Each pressing the up-call button, the brightness increases by one level. When the brightness is up to the brightest level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightness, and then decreases. There are six levels for button brightness.
- 2 Release the button, and no button press in 2 seconds, current white button brightness setting will be saved, and then buttons light in red.
- 3 Each the up-call button pressing, the brightness increases by one level. When the brightness is up to the brightness level, it will be back to the darkest, and then increases. Each pressing the down-call button, the brightness decreases by one level. When the brightness reaches to the darkest level, it will be back to the brightness, and then decreases. There are six levels for button brightness.
- 4 Release the button, and no button press in 2 seconds, current red button brightness setting will be saved.
- (5) Buttons flash 3 times in white and red alternately, and it enters the normal working mode, and the setting finishes.

Note: Normally, the color of buttons on touch-button call board is white or red. Button shows in white, and will become red when being touched.

D.4 Function Setting

D.4.1 Segment LCD Call Board Function Setting

D.4.1.1. Segment LCD Call Board Function Setting Method

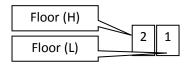
1. Enter Setting Mode

Power off the system (Pull out the communication cable), short the jumper named JC, and then power on. System runs in check mode. Press the AN button for 2 or 3 seconds, system enters setting mode.

2. Function Setting Method

In setting mode, floor display-area displays current user code and program version. Following the character U, current user code is displayed. Following the character P, it is current program version. Above contents flicker 3 times, and then system enters the function setting mode.

Left figure displays setting item code, and right figure displays current function number.



- 2 Setting item code, that means call display setting in parking period.
- 1 means system displays normally in parking period. Arrived at the base floor 30 second later, system displays off.

 Press up-call button to change setting item, and press down-call button to change the current set value.
- 3. Save and transmit set value

To finish this function setting, current setting should be saved. (Refer to **D.4.1.2.6 Setting Item 5** for details)

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.1.2.7 Setting Item 6** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

D.4.1.2 Segment LCD Call Board Function Items

D.4.1.2.1 Setting Item 0- Elevator Status (Full-load, Over-load, Inspection, Fire service) Chinese Display

0 N

N Value: 0 Not display

≠0 Normal display

Default: 1

D.4.1.2.2 Setting Item 1- Elevator Status (Full-load, Overload, INSP, FIRE) English Display

1 N

N Value: 0 Not display

≠0 Normal display

Default: 1

D.4.1.2.3 Setting Item 2- Parking Status Display Set

2 N

N Value: 1 Normal display, and display off arrived base floor 30 seconds later.

2 Not display direction, display characters, and display off arrived base floor 30 seconds later.

3 Not display direction and characters

4. Not display direction, display characters

Default: 2

D.4.1.2.4 Setting Item 3- Parking Status Display Characters Set (COP displays the same characters as call board)

3 N

N Value: 1= ZT Default: 1

D.4.1.2.5 Setting Item 4- Display Mode Set

4 N

N Value: 0 Not flicker at changing speed floor

1 Flicker at changing speed floor

Default: 0

D.4.1.2.6 Setting Item 5- Save Setting

5 N

Press the down-call button for 3 seconds, character N starts to flicker, N changes from 3 to 0, that means saving success.

D.4.1.2.7 Setting Item 6- Save and transmit Setting

TN

Press the down-call button for 3 seconds, and then the transmission starts. It will transmit 3 times, in this period, character N shows the residual number of transmissions.

N flickers and change from 3 to 0. That means the setting has been transmitted to other call board, otherwise, transmission fails.

Note: This function should be carried out when car is in INSP and parking status, otherwise, other call board will not receive the setting parameters.

D.4.2 Dot Matrix display Call Board Function Setting

D.4.2.1 Dot Matrix Display Call Board Function Setting Method

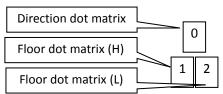
1. Enter Setting Mode

Power off the system (Pull out the communication cable), short the jumper named JC, and then power on. System runs in check mode. Press the AN button for 2 or 3 seconds, system enters setting mode.

2. Function Setting Method

In setting mode, direction dot matrix displays character U and character P alternately. When the character U is displayed, current user code is displayed in floor dot matrix. When the character P appears, current program version is shown in floor dot matrix. Above contents flicker 3 times, and then system enters the function setting mode.

Direction dot matrix displays setting item code, and floor dot matrix display current function number.



0: Setting item code, which means upper LED setting.

1: Left LED set to 1, which means upper left LED is set to User.

3: Right LED set to 2, which means upper right LED is set to Full-load.

Press up-call button to select dot matrix, and dot matrix selected will flicker. At this moment, the set value could be changed. Press down-call button to change the current set value.

3. Save and transmit set value

To finish this function setting, current setting should be saved (Refer to **D.4.2.2.16 Set Items S** for details).

If the whole call system update is needed, enters *transmit set* item(Refer to **D.4.2.2.17 Set Items T** for details) after saving operation and the car is in INSP and parking status, and transmit the setting to other call boards and COP display boards.

4. Exit the Setting Mode L R

Pull out the JC jumper, and system enters normal work mode.

If pull out the jumper before transmitting and saving parameters operations, all the function parameters will not be changed.

D.4.2.2 Dot Matrix Display Call Board Function Items

D.4.2.2.1 Setting Item 0-Upper LED Setting

Left LED setting Right LED setting Default: 2, 4

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park

D.4.2.2.2 Setting Item 1-Lower LED Setting

Left LED setting R Right LED setting Default: 5, 1

L, R Value:

0: Not display. 1: User. 2: Full-load. 3: Overload. 4: INSP. 5: Fire. 6: Err. 7: Park

D.4.2.2.3 Setting Item 2-Inspect Status Display Setting

L R: Value: 01 Normal display

02 Display character in parking status, and normal display in run status

03 Not display direction, but display character

04 Not display floor and direction

05 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 02

D.4.2.2.4 Setting Item 3- Inspect Status Display Characters Setting

L R

L, R Value: 01=JX, 02=INS. Default: 01

D.4.2.2.5 Setting Item 4- Parking Status Display Setting

L, R Value: 01 Normal display, and display off arrived base floor 30 seconds later.

02 Not display direction, but display character, and display off arrived base floor 30 seconds later.

03 Not display floor and direction

04 Not display direction, but display character

Default: 02

D.4.2.2.6 Setting Item 5- Parking Status Display Characters Setting

R L

L, R Value: 01=ZT, 02=PARK, 03=

Default: 01

D.4.2.2.7 Setting Item 6- Full-load Status Display Setting

L, R Value: 01 Normal display

02 Display floor and direction

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 01

D.4.2.2.8 Setting Item 7- Full-load Status Display Characters Setting

R

L, R Value: 01=MZ, 02=MY, 03=FL, 04=FULL LOAD.

Default: 01

D.4.2.2.9 Setting Item 8- Fire Initial State Display Setting

8

L, R Value: 01 Normal display

02 Not display floor and direction

03 The same to fire setting

Default: 02

D.4.2.2.10 Setting Item 9- Fire Status Display Setting

L, R Value: 01 Normal display

02 Display character in parking status, and normal display in run status

03 Display direction, and display character and floor alternately (Only for 1 character or 2 characters)

Default: 01

D.4.2.2.11 Setting Item A- Fire Status Display Character Setting

L, R Value: 01=XF, 02=FR, 03=FIRE. Default: 01

D.4.2.2.12 Setting Item B- Direction Arrow Display Setting

B L R L Value: 0 Thin arrow

1 Thick arrow

R Value: 0 No scrolling in run-time

1 Scrolling in run-time

Default: 01

D.4.2.2.13 Setting Item C- Display Mode



L Value: 0 Pull-curtain display when floor changes. 1 Vertical-scroll display when floor changes.

2 Horizontal-scroll display when floor changes. 3 Not scroll when floor changes.

Default: 0

R Value: 0 Unflicker at speed-change floor. 1 Flicker at speed-change floor.

Default: 0

D.4.2.2.14 Setting Item D- Display Setting



L: The third character display area setting in the case of three-character display.

For three-character display, user sets what is shown in the third character area by main control board. F0-05 to F0-68 parameters show the 3- character display setting, which the former two characters can be set as digit, letter or minus, and the third character can be set to the following uppercase letters only, A B C D E F G H I J K L M N O. For 2-character display, please set the former tow characters, and set the third character to space. (The 3-character display function should be match to specific call board program, otherwise, 3-character display may be abnormal.) Main control board can set 15 characters as follow.

Main control board setting characters	Α	В	U	D	Е	F	G	Ξ	_	J	K	Ш	Μ	Ζ	0
Display character L=0	Α	В	С	D	Ε	F	G	Н	Ι	J	K	L	М	Ν	0
Display character L=1	Α	В	С	D	Ε	0	1	2	3	4	5	6	7	8	9

R: Only one character to display, whether display it in the middle or not.(Only for 7*11 dot matrix)

0 Center display

1 Right display

Default: 00

D.4.2.2.15 Setting Item R- Restore Factory Defaults

R R

L=5, R=5 Restore factory defaults. R flickers and L=0, R=0 means restore success.

Note: This function restores the current settings to factory defaults, but saving operation has not been carried out yet.

D.4.2.2.16 Setting Item S- Save the Setting

S

L=5, R=5 Save the setting. S flickers and L=0, R=0 means current setting has been saved successfully.

D.4.2.2.17 Setting Item T- Save and Transmit the Setting

L=5, R=5 Save and transmit the setting.

Transmit for 3 times, L and R display the residual number of transmissions in processes.

T flickers and L=0, R=0 means the setting has been transmitted to other call board in system (Including COP display boards). T flickers and L=1, R=1 means transmit failed.

Note: This function must be carried out with the car being in inspection and parking status or else other call board will not receive the setting.