YalaTech Product Data Sheet

ESLs | Gateway

Total H/S solution for you

| Slim Series ESL |
| Lite Series ESL |
| Freezer & Waterproof ESL |
| Rock Series ESL |

ESL software

| Gateway(AP) |
| ESL Accessories |
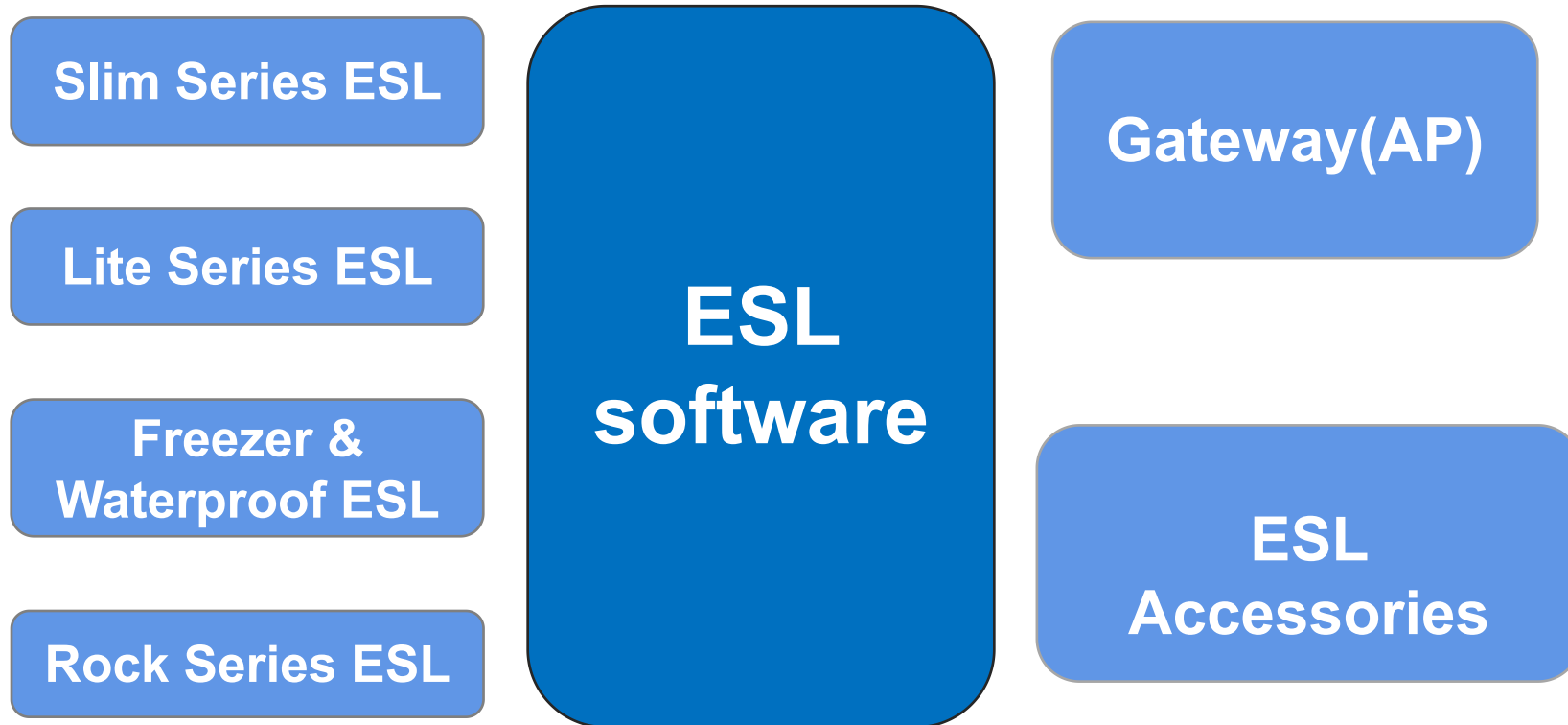
YalaTech Electronic Shelf Label Product Lineup

Rock Series (3.5, 4.2, 5.83, 10.2inch)

Freezer & Waterproof (2.66, 4.2inch)

Slim Series (2.13, 2.66, 2.9, 4.2, 7.5inch)

TCL

SALE
$599.00
Limited-Time Special

TCL 75" Class 4-Series 4K UHD HDR Roku Smart TV
Product code: 75S431

- Stunning 4K UHD Picture with High Dynamic Range
- Thousands of Streaming Channels
- Easy Voice Control
- Simple, Personalized Home Screen
- 4 HDMI Inputs (1 ARC)

Maxpower SQ2080 Power Bank 20,800mAh

First-grade lithium polymer battery.
Fast PD charging of power bank.
LED capacity indicator.

$39.00

30% OFF

Limited-Time Special

Jet Set Medium Leather Pocket Tote

MICHAEL Michael Kors

CHIA SEED Drink
Net Content
290ml
Peach Flavour

30% Off

$0.79

HALF PRICE

Graze

Smokehouse BBQ CrunchFlavoured Peas

104g

$2.00

Lite Series (1.54, 2.13, 2.66, 2.9, 4.2, 7.5inch)

Signature Classic Mixed C Curl .15 x 7-14mm
20 Professionals

No. 4 Bond Maintenance™ Shampoo
Size: 8.5 oz/250 mL

$29.80

Maxpower SQ2080 Power Bank 20,800mAh

First-grade lithium polymer battery.
Fast PD charging of power bank.
LED capacity indicator.

CHIA SEED Drink
Net Content
290ml
Peach Flavour

30% Off

$0.79

HALF PRICE

Graze

Smokehouse BBQ CrunchFlavoured Peas

104g

Smoky barbecue flavoured peas, crunchy corn chips & chili corn

$2.00

LIPSTICK Colors that POP!
From France

$19.9

Lite Series ESL

- Simply design
- NFC optional
- Colorful cases customizable

1.54	2.13	2.66
2.90	4.2	7.5

Slim Series ESL

- Slim design
- Super tough crash-proof protective cover for the display
- In-mould barcode label for long-lasting use
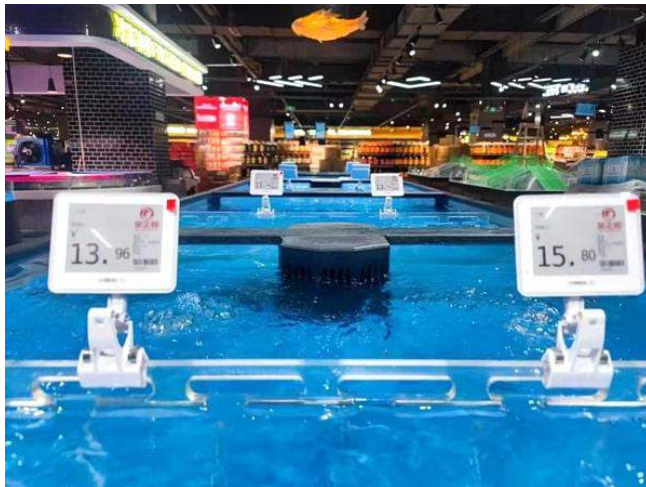- 7 colors LED
- NFC optional

2.13	2.66	2.90
4.2	7.5	

Freezer and Waterpoof ESL

- Super tough crash-proof protective cover for the display
- In-mould barcode label for long-lasting use
- IP 67 waterproof
- Work in -20℃ low temperature environment
- 7 colors LED
- NFC optional
- lithium battery for longer endurance

2.66   4.2

Rock Series ESL

- Super tough crash-proof protective cover for the display
- In-mould barcode label for long-lasting use
- IP 67 waterproof
- 7 colors LED
- NFC optional
- lithium battery for longer endurance

| 3.5 | 4.2 | 5.83 | 10.2 |

Lite Series ESL

Model: YAL154

Minimal display: suitable for accessories, pharmaceuticals, perfumery, hygiene and beauty

No. 4 Bond
Maintenance™
Shampoo

Size: 8.5 oz/ 250 mL

$29.⁸⁰

1.54" ■ □ ■

38.8mm

53.5mm

15mm
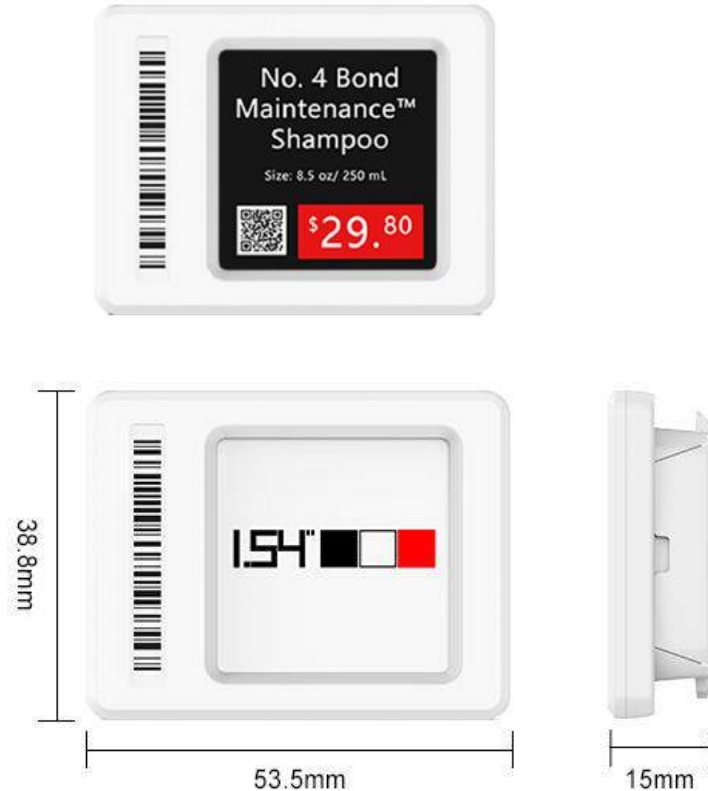
1.54inch ESL

Specifications
Dimension(mm): 53.5*38.8*15 /2.1*1.53*0.59inch
Weight: 26 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP53
LED indicator: none

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 26.9x26.9mm/1.54inch
Resolution: 200 × 200 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 750mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Lite Series ESL

Model: YAL213

Label with simple design. Perfect in every type of department.

Specifications
Dimension(mm): 72.8*34.5*13/ 2.86*1.36*0.51inch
Weight: 33 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP53
LED indicator: none

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 48x23.1mm/2.13inch
Resolution: 250 × 122 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Lite Series ESL

Model: YAL266

Label with simple design.

Perfect for texts and graphics visualization.

Specifications
Dimension(mm): 90.8×42.9*13
Weight: 36 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP53
LED indicator: none

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 59.5x30.1mm/2.66inch
Resolution: 296× 152 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Slim Series ESL

Model: YAS213

Slim design with protective cover. Perfect in every type of department.

Specifications
Dimension(mm): 71*34.5*11.2/2.79*1.36*0.44 inch
Weight: 32 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP54
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 48x23.1mm/2.13inch
Resolution: 250×122 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Slim Series ESL

Model: YAS266

Slim design with protective cover. Perfect in every type of department.

42.8mm

90.7mm

11.2mm

2.66inch ESL

Specifications
Dimension(mm): 90.7×42.8*11.2
Weight: 38 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP54
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 59.5x30.1mm/2.66inch
Resolution: 296× 152 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Slim Series ESL

Model: YAS29

Slim design with protective cover.

Perfect for texts and graphics visualization.

2.9inch ESL

Specifications
Dimension(mm): 90*42*11.2 /3.54*1.65*0.44inch
Weight: 39 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP54
LED indicator: one color LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 66.3x28.5mm/2.9inch
Resolution: 296×128 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*2ea
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Slim Series ESL

Model: YAS42

Perfect for promotion stand, fruit & vegetables and appliances section.

4.2inch ESL

Specifications
Dimension(mm): 118*83.8*11.2 /4.65*3.3*0.44inch
Weight: 83 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 12.000 labels per hour
Ingress protection grade: IP54
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 84.2x63mm/4.2inch
Resolution: 400✕ 300 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*3ea
Battery capacity: 1800mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Slim Series ESL

Model: YAS75

Perfect for promotion stand, fruit & vegetables and appliances section.

7.5inch ESL

Specifications
Dimension(mm): 183*118*11.2 /7.2*4.65*0.44inch
Weight: 201 g
Temperature: from + 0 C° to + 40 C°
Updating time: up to 9000 labels per hour
Ingress protection grade: IP54
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 162.6x97.3mm/7.5inch
Resolution: 640× 384 pixel
DPI: 183
Pixel colors: BW/BWR/BWY
Visual angle: > 170°

Battery
Battery: CR2450*4ea
Battery capacity: 2400mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: YES

Freezer ESL

Model: YAF266

Perfect to be used in freezers.
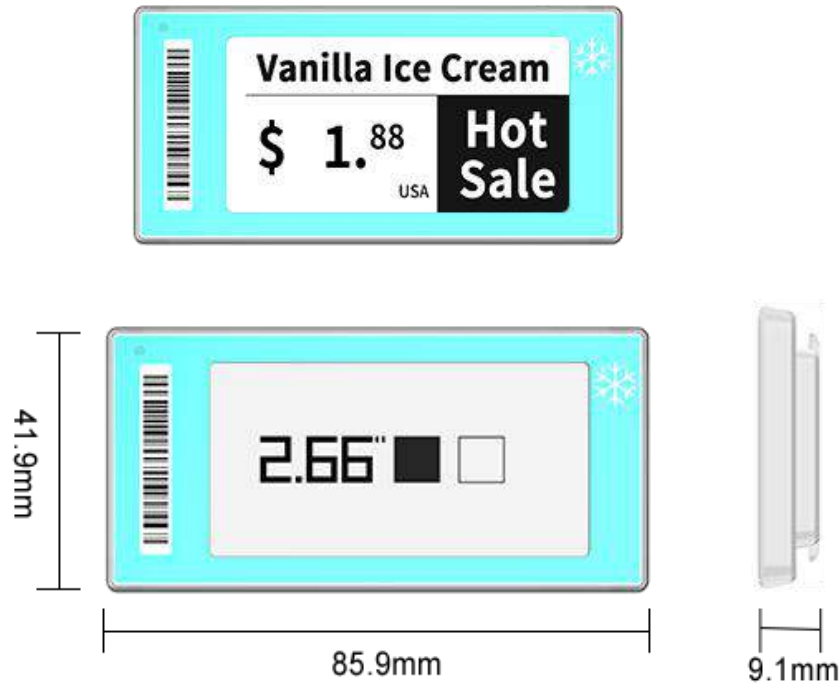
2.66inch ESL

Specifications
Dimension(mm): 85.9*41.9*9.1
Weight: 28 g
Temperature: from -20 C°to 0 C°
Updating time: up to 21.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 59.5x30.1mm/2.66inch
Resolution: 296× 152 pixel
DPI: 183
Pixel colors: BW
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 1200mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: no

Waterproof ESL

Model: YAW42

Perfect to be used in wet area, such as sea food area
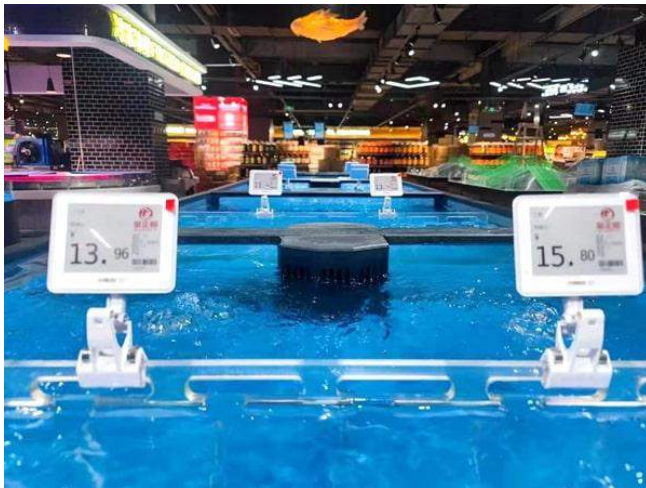
4.2inch ESL

Specifications
Dimension(mm): 115.0×90.0×15
Weight: 83 g
Temperature: from 0~40℃
Updating time: up to 12.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 84.2x63/4.2inch
Resolution: 400×300 pixel
DPI: 183
Pixel colors: BWR/BWY
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 1800mAh
Battery life: 5-10 years (2-4 updates per day)
Battery is removable: no

Rock Series ESL

Model: YAR35

Perfect for texts and graphics visualization.

3.5inch ESL

Specifications
Dimension(mm): 99.5×50.0×12.9
Weight: 68 g
Temperature: from 0~40℃
Updating time: up to 18.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 79.1x37.9/3.5inch
Resolution: 184× 384 pixel
DPI: 183
Pixel colors: BWR/BWY
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 1100mAh
Battery life: 8-10 years (2-4 updates per day)
Battery is removable: yes

Rock Series ESL

Model: YAR42

Perfect for promotion stand, fruit & vegetables and appliances section.

4.2inch ESL

Specifications
Dimension(mm): 101.0×88.5×12.9
Weight: 89 g
Temperature: from 0~40℃
Updating time: up to 12.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 84.2x63/4.2inch
Resolution: 400× 300 pixel
DPI: 183
Pixel colors: BWR/BWY
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 1800mAh
Battery life: 8-10 years (2-4 updates per day)
Battery is removable: yes

Rock Series ESL

Model: YAR58

Perfect for promotion stand, fruit & vegetables and appliances section.

5.83inch ESL

Specifications
Dimension(mm): 136.0×112.1×12.9
Weight: 105 g
Temperature: from 0~40℃
Updating time: up to 8.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 118.8x88.2 /5.83inch
Resolution: 648× 480 pixel
DPI: 183
Pixel colors: BWR/BWY
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 2200mAh
Battery life: 8-10 years (2-4 updates per day)
Battery is removable: yes

Rock Series ESL

Model: YAR102

Perfect for promotion stand, fruit & vegetables and appliances section.

10.2 inch ESL

Specifications
Dimension(mm): 234.6×170.7×12.9
Weight: 145 g
Temperature: from 0~40℃
Updating time: up to 8.000 labels per hour
Ingress protection grade: IP67
LED indicator: 7 colors LED

Display
Technology: e-ink bi-stable graphic
Active display area (mm): 215.52*143.86 /10.2inch
Resolution: 960× 640 pixel
DPI: 183
Pixel colors: BWR/BWY
Visual angle: > 170°

Battery
Battery: Polymer battery
Battery capacity: 4400mAh
Battery life: 8-10 years (2-4 updates per day)
Battery is removable: yes

ESL Gateway (Access Point)

Features

- Communicate to ESL units automatically in the initial setting
- High-speed bi-directional communication
- Simple installation, plug & play
- High capacity and wide coverage
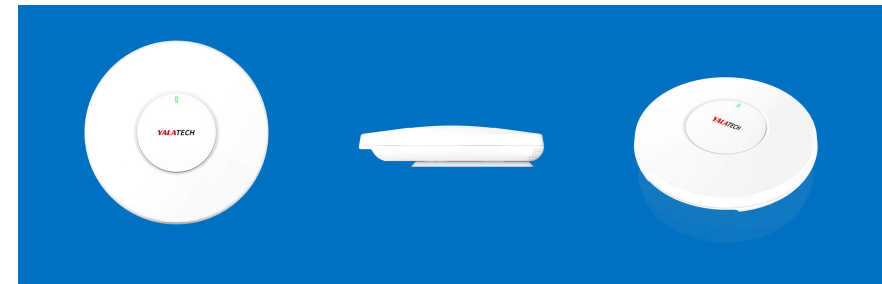
Specifications of ESL Gateway

Weight	41.7g
Working voltage	4.8-5.5V
Communication Distance	Indoor 30m radius, 2800 sqm coverage
No. of ESL per base station	5000pcs
Communication Frequency Range	2.4Ghz
Communication Protocol	Zigbee2.4G/TCP/IP
Communication Model	bi-directional communication
Transmitting power	20dbm
Power	DC
Interface	DC-in, Ethernet port
Installation	support multiple approaches
Operate Temperature	-10　60
Working Humidity	10-90%RH

To learn about how our Electronic Shelf Label solution can help your business, just contact us from below.

Email:sales@yalatechnology.com
Tel: 86-020-3117 7067
Website:www.yalatechnology.com