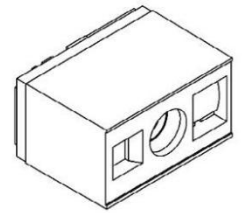
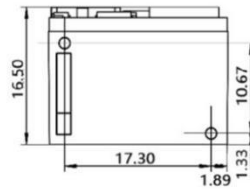
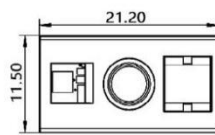




ES1200

Image Scanning Engine



(unit:mm)

Features

✓ Decoding ability

1D / 2D barcode identification;
Support Alipay / WeChat Payment

✓ Product compatibility

Electrical pins are fully compatible with
other mainstream products for flexible
replacement

✓ Algorithm

High speed and accurate interpretation

✓ Communication mode

USB / TTL(optional)

Applications



Analysis
Instrument



Self service
Equipment



Scanner and PDA
Integration

Technical Data

Performance Characteristics		
Image Sensor	844 x 640	
Light Source	(Aimer) Green color LED; (Illumination) White color LED	
Focusing Mode	Fixed focus	
Roll /Pitch /Yaw	360°, ±65°, ±65°	
Angular Field of View	39°(Horizontal), 31°(Vertical)	
Motion Tolerances	>0.4m/s	
Decode Capability	Readable 1D,2D and stack codes that meet national and international standards	
Decode Capability	Codabar, Code39, Interleaved2of5, NEC2of5, Code93, Code128, GS1-128, UPC-A, UPC-E0, EAN/JAN-13, EAN/JAN-8, GS1-DataBar, PDF417, QR, DM, Aztec	
Print Contrast	20% minimum	
Decode Range	4mil Code 39	5-13cm
	5mil Code 39	4.5-15cm
	13mil Code 39	7.5 - 40 cm
	13mil Code 128	6.5-35cm
	20mil Code 128	8-42cm
Physical Characteristics		
Communication Interfaces	USB/TTL(Optional)	
Dimensions	11.5mm x16.5mm x21.2mm	
Weight	4.5g	
Operating Voltage	3.3-5V	
Starting Current	220mA	
Stand-by Current	165mA	
Work Current	320mA	
User Environment		
Operating Temperature	-20 ~ 60°C	
Storage Temperature	-30 ~ 70°C	
Humidity	5% to 95% relative humidity, non-condensing	
Shock Resistance	2000 G, 0.7 ms, half sinus, 3axes	
Ambient Light Immunity	0-100,000 Lux	



NANJING BILIN INTELLIGENT IDENTIFICATION TECHNOLOGY CO., LTD

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ver: 20220420