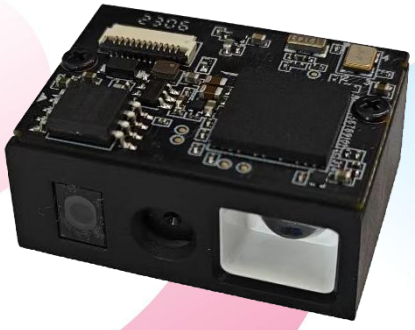
YJOT亿嘉

科技改变未来

MZR813S

Two-dimensional image module



- Comprehensive reading ability
- Full exposure
- Humanized light source
- Powerful data editing capabilities

Product Features

Comprehensive reading ability

It can recognize one-dimensional 3mil, above two-dimensional 5mil and above density paper codes and direct component barcodes.

Full exposure

With high-speed global exposure, the scanning speed is faster and can read all kinds of small bar codes smoothly.

Humanized light source

White, high brightness LED lighting and laser cross aiming

Powerful data editing capabilities

Powerful data editing functions can flexibly meet various data editing requirements.

MZR813S

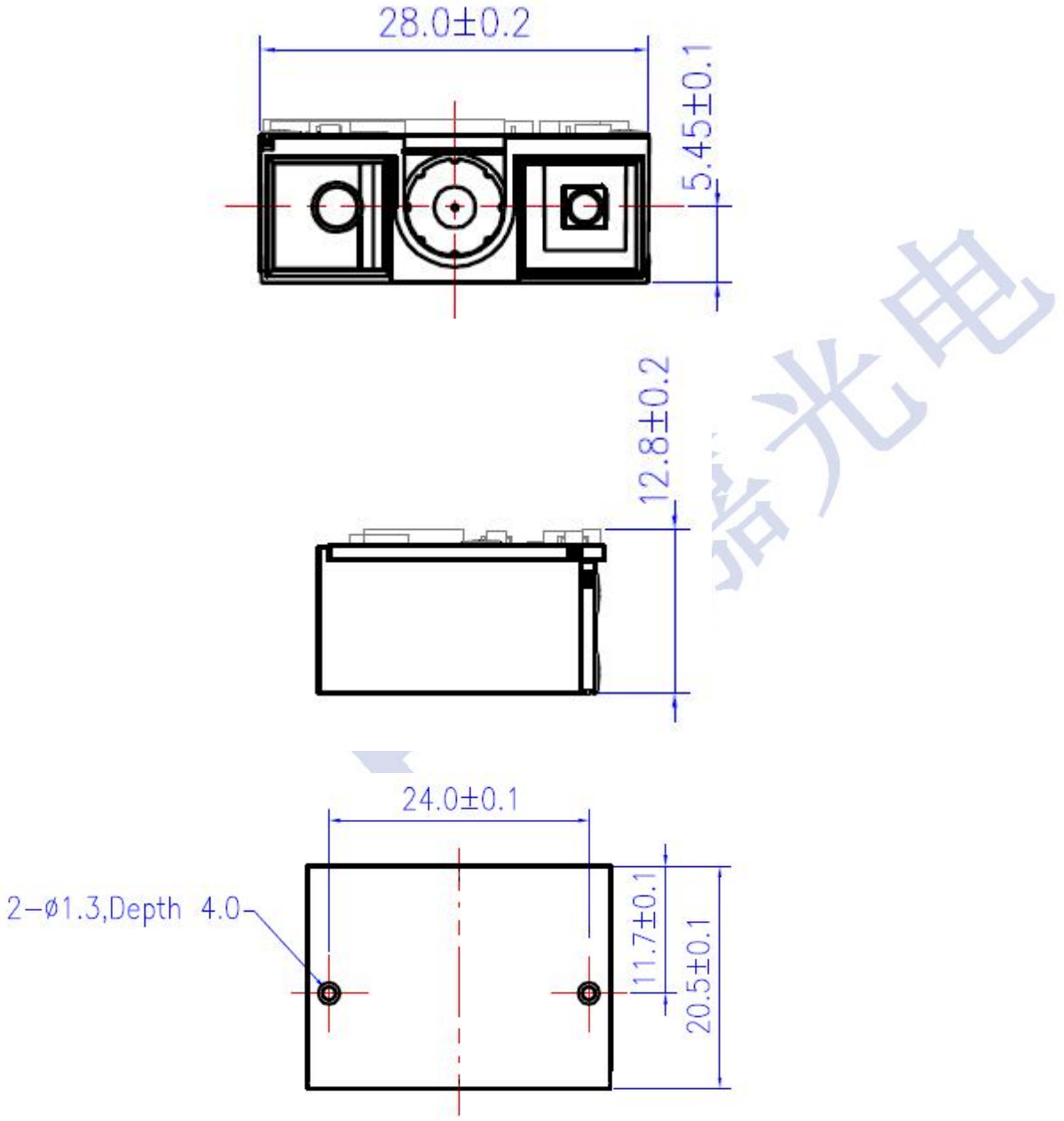
Two-dimensional image module

1.Technical parameter

Electrical Character	
Data interface	TTL、USB、Virtual COM Port
Working voltage	DC 3.3V±5%
Working current	260mA
Optical Property	
Sensor	CMOS Sensor
Sensor resolution	1280X1024 pixel
Aim at the light source	Laser crosshair
Light source for illumination	White LED
Performance Characteristic	
Reading angle	Diversion:360°, Elevation:± 60°, Drift angle:± 60°
Ken	Horizontal 42°, vertical 40°
Min resolution	1D≥3mil,2D≥5mil
Min print contrast	≥20%(UPC/EAN 100% , PCS 90%)

Decoding capability	1D: UPC A , UPC E , EAN 8 , EAN 13 , Code 128 , Code 39 , Code 93 , Code 32 , Code11 , Codabar ,Plessey , MSI , Interleaved 2 of 5 IATA 2 of 5, Matrix 2 of 5, Straight 2 of 5, Pharmacode, GS1 DataBar 14, GS1 DataBar Expanded, GS1 DataBar Limited, Composite Code A, Composite Code B, Composite Code C 2D: Data Matrix , QR Code , Micro QR, PDF417, Micro PDF417 , Aztec , MaxiCode
Physical Characteristics	
Physical size	28(W) × 20.5 (D) × 12.8 (H) (mm)
Weight	About 6g
Environmental Character	
Temperature	-10℃~+50℃ (Work) , -40℃-70℃ (Storage)
Humidity	5%~95% (No condensation)
Light resistance	0~8,600Lux (Fluorescence) 0~100,000Lux (Daylight)
Read the Depth of Field	
EAN-13	35mm-390mm (12mil)
Code39	55mm-235mm (5mil)
QR Code	35mm-150mm (20mil)
Data Marix	30mm-120mm (15mil)
PDF 417	30mm-260mm (10mil)

2.Product Size



3.Definition of PIN

PIN	Signal name	Input/ output	Instruction	
1	NC	-		
2	VIN	-	Power: supply voltage input	Power input
3	GND	-	Ground: power and signal ground	Landing
4	RXD	I	Input: TTL level receive data	TTL receive
5	TXD	O	Output: TTL level transmit data	TTL transmission
6	D-	I/O	USB D- differential data signal	USB communication D- differential signal
7	D+	I/O	USB D+ differential data signal	USB communication D+ differential signal
8	NC	-		
9	BEEPER	O	Output: Beeper output	Output of buzzer
10	nGoodRead	O	Output: Good read output	Decoding instruction output signal
11	NC	-		
12	nTrig	I	Input: Active low, signal used as trigger input to activate the engine to start a scan and decode session	Trigger input signal
I=Input; O=Output				