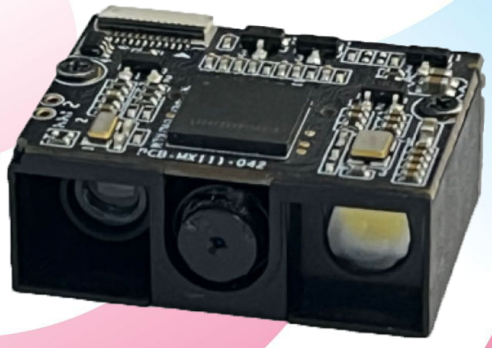
YJCT亿嘉

科技改变未来

MZR810P

Two-dimensional image module



- Comprehensive reading ability
- Low power design compatible with all kinds of devices
- Humanized light source
- Powerful data editing capabilities

Product Features

Comprehensive reading ability

It can recognize one-dimensional codes of 4mil and above, two-dimensional codes of 7mil and above density, and direct component barcodes.

Low power design compatible with all kinds of devices

The low power design of the device can minimize the connection problems caused by factors such as insufficient USB drive capacity of the host or excessive voltage requirements of the access device, and maximize the compatibility of the device.

Humanized light source

The red LED light source can not only produce no visual fatigue under continuous high intensity working conditions, but also greatly improve the working efficiency.

Powerful data editing capabilities

Powerful data editing function, can flexibly meet all kinds of data editing requirements.

MZR810P

Two-dimensional image module

1.Technical parameter

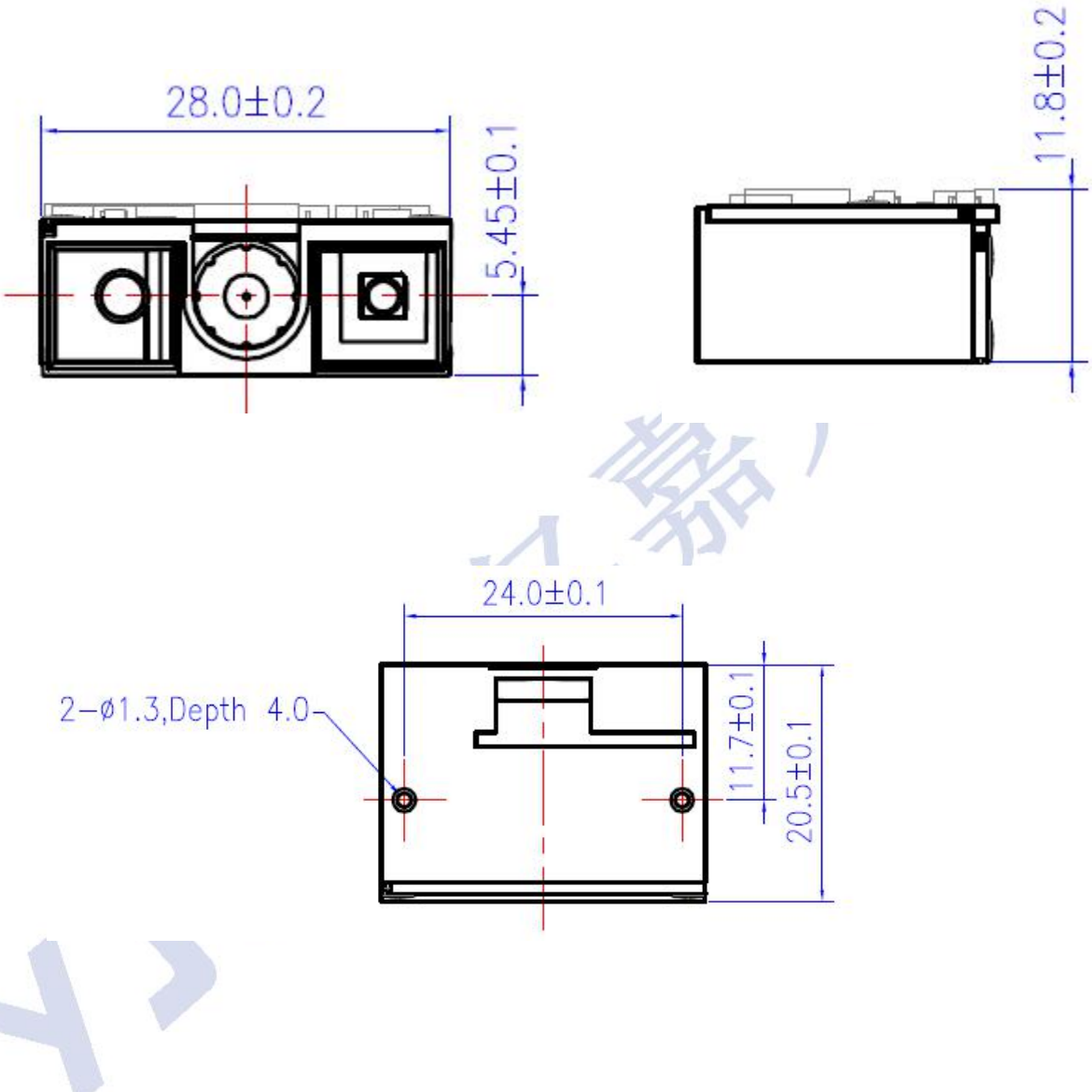
Electrical Character	
Data interface	TTL，USB
Working voltage	DC 3.3V±10%
Working current	180mA
Optical Property	
Sensor	CMOS Sensor
Sensor resolution	1280X800 pixel
Aim at the light source	Red LED
Light source for illumination	White LED
Performance Characteristic	
Reading angle	Rotation angle:360°，Skew angle:± 55°，Tilt angle:± 55°
Ken	Horizontal 46°, vertical 29°
Min resolution	1D≥4mil,2D≥7.5mil
Min print contrast	≥35%

Decoding capability	1D：UPC A / UPC E ,EAN 8 / EAN 13,Code 128,Code 39,Code 93,Code 32,Code 11,Codabar Plessey,MSI,Interleaved 2 of 5,IATA 2 of 5,Matrix 2 of 5,Straight 2 of 5,Pharmacode,RSS-14,RSS-14 Expanded, RSS-14 Limited,Composite Code -A,Composite Code -B,Composite Code -C 2D : PDF 417 ,Micro PDF 417,Data Matrix,QR Code,Micro QR,Aztec,MaxiCode

Physical Characteristics	
Physical size	20.5×28×12mm
Weight	About 5g

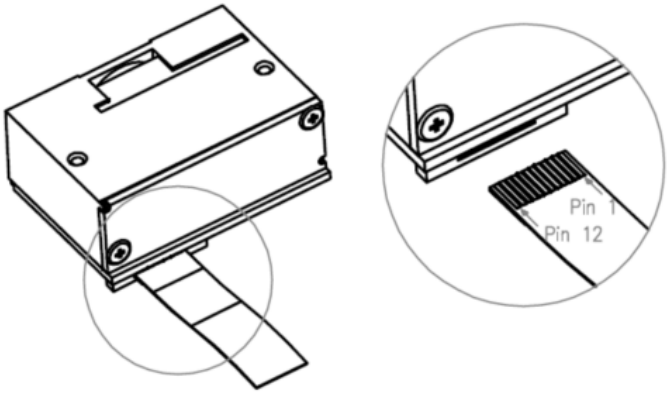
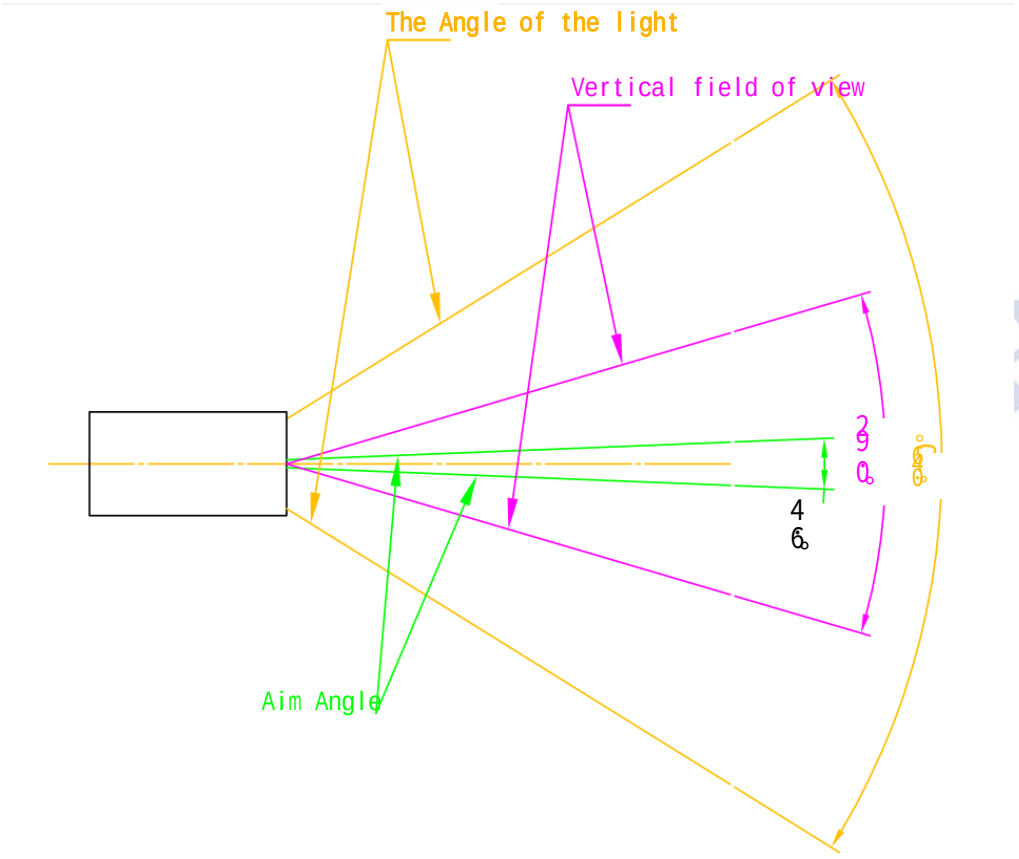
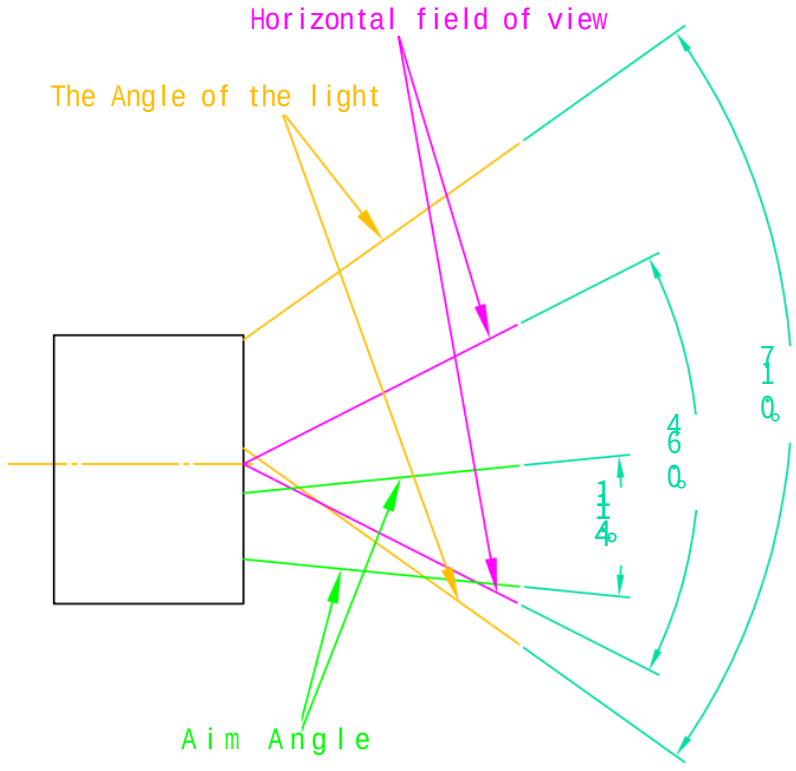
Environmental Character	
Temperature	0℃~+50℃（Work），-40℃-70℃（Storage）
Humidity	5%~95% No condensation
Ambient light	0-8600lux

2.Product Size



3.Definition of PIN

Interface number	Type	Name	Instruction
PIN 1	—	NC	Hang in the air
PIN 2	Electric source	VCC	Power input
PIN 3	Land	GND	Landing
PIN 4	Input	RX	Signal at the serial port receiving end
PIN 5	Output	TX	Signal at the serial port transmitting end
PIN 6	Input	D-	USB port D-signal
PIN 7	Output	D+	USB port D+signal
PIN 8	—	NC	—
PIN 9	Output	BEEPER	Output signal of passive buzzer
PIN 10	Output	nGoodread	Accept the instruction output signal
PIN 11	-	NC	
PIN 12	Input	NTRIG	Trigger input signal



4.Field Angle