



科技改变未来

MZR810C

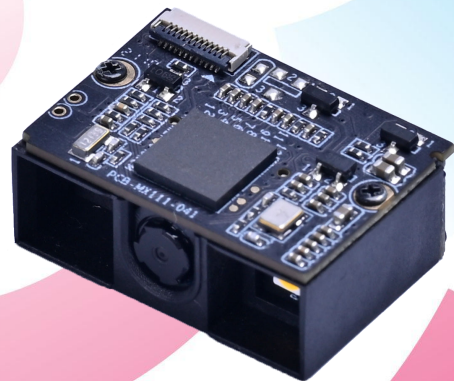
Two-dimensional image module

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 5 mil and above two-dimensional 7mil paper codes and direct component barcodes with higher density.

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.

MZR810C

Two-dimensional image module

1. Technical parameter

Electrical Character

Data interface	TTL , USB
Working voltage	DC 3.3V \pm 10%
Working current	150mA

Optical Property

Sensor	CMOS Sensor
Sensor resolution	680X480
Aim at the light source	Red LED
Light source for illumination	White LED

Performance Characteristic

Reading angle	Rotation angle:360 ° , Skew angle: \pm 50 ° , Tilt angle: \pm 50 °
Ken	Horizontal 38°, vertical 25°
Min resolution	1D \geq 5mil,2D \geq 8mil
Min print contrast	\geq 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

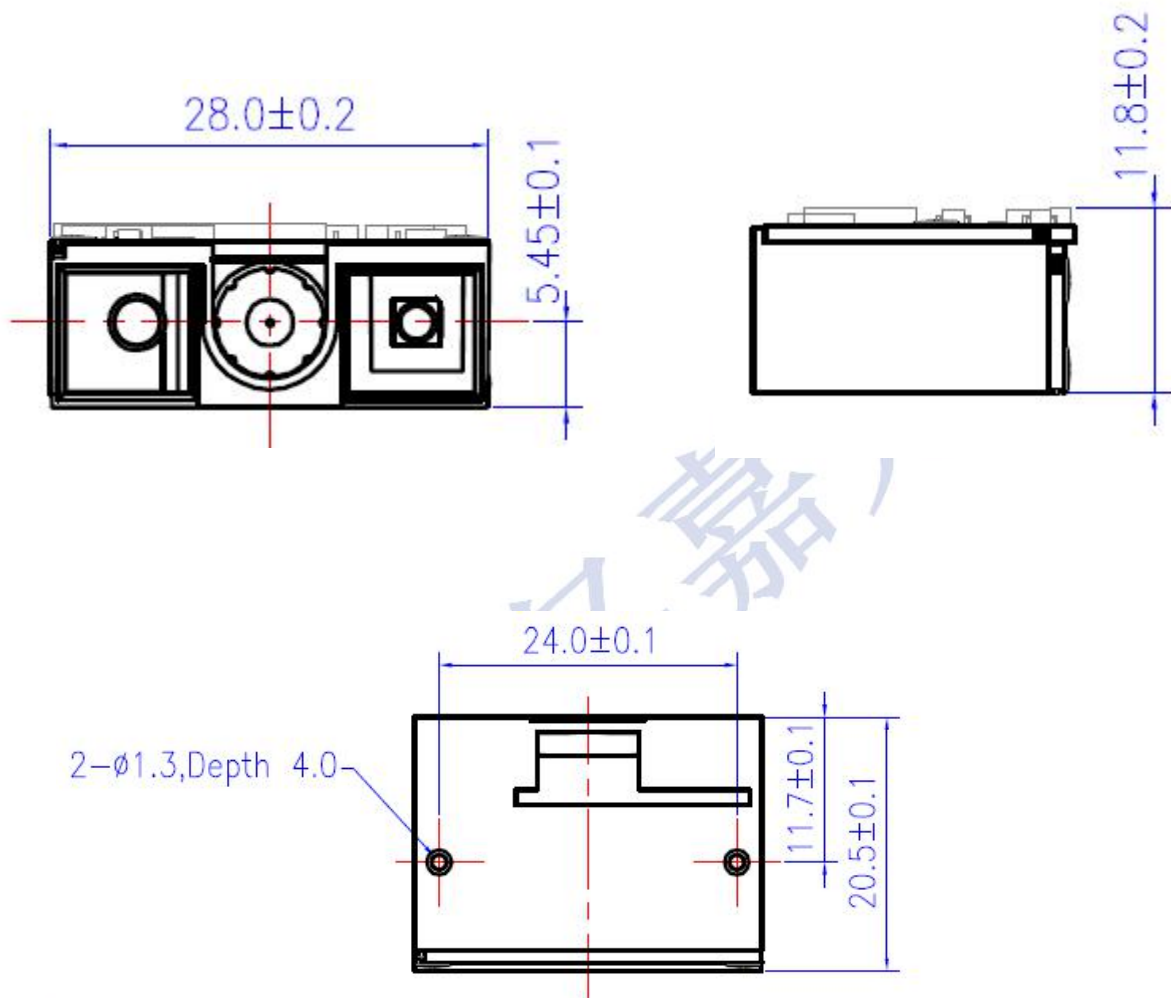
Physical Characteristics

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

Environmental Character

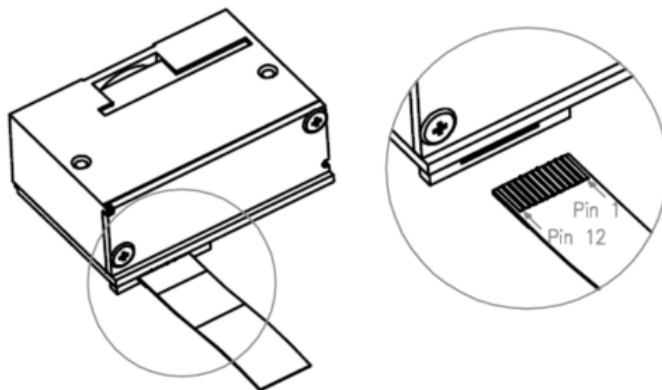
Temperature	0°C~+50°C (Work) , -40°C-70°C (Storage)
Humidity	5%~95% No condensation
Ambient light	0-8600lux

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

