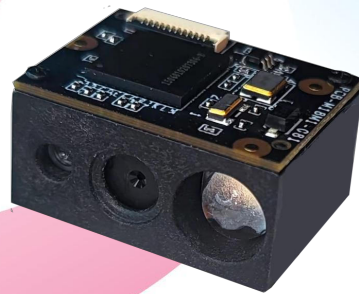


MZR811C

Two-dimensional image module

- Comprehensive reading ability
- Small size and easy to embed
- Humanized light source
- Powerful data editing capabilities



Product Features

Comprehensive reading ability

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

Small size and easy to embed

Compact design for easy integration and installation; 21.6 (W) x 15.8(D) x 11.8(H) mm body can be easily integrated into a variety of handheld portable or wristband devices.

Humanized light source

The red point 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.

MZR811C

Two-dimensional image module

1. Technical parameter

Electrical Character

Data interface	TTL , USB
Working voltage	DC 3.3V $\pm$ 5%
Working current	110mA $\pm$ 5%

Optical Property

Sensor	CMOS Sensor
Sensor resolution	640X480
Aim at the light source	Red dot light source
Light source for illumination	White LED

Performance Characteristic

Reading angle	Rotation angle:360° , Skew angle: $\pm$ 38° , Tilt angle: $\pm$ 25°
Ken	Horizontal 38°, vertical 25°
Min resolution	1D $\geq$ 3mil,2D $\geq$ 5mil
Min print contrast	$\geq$ 20%

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

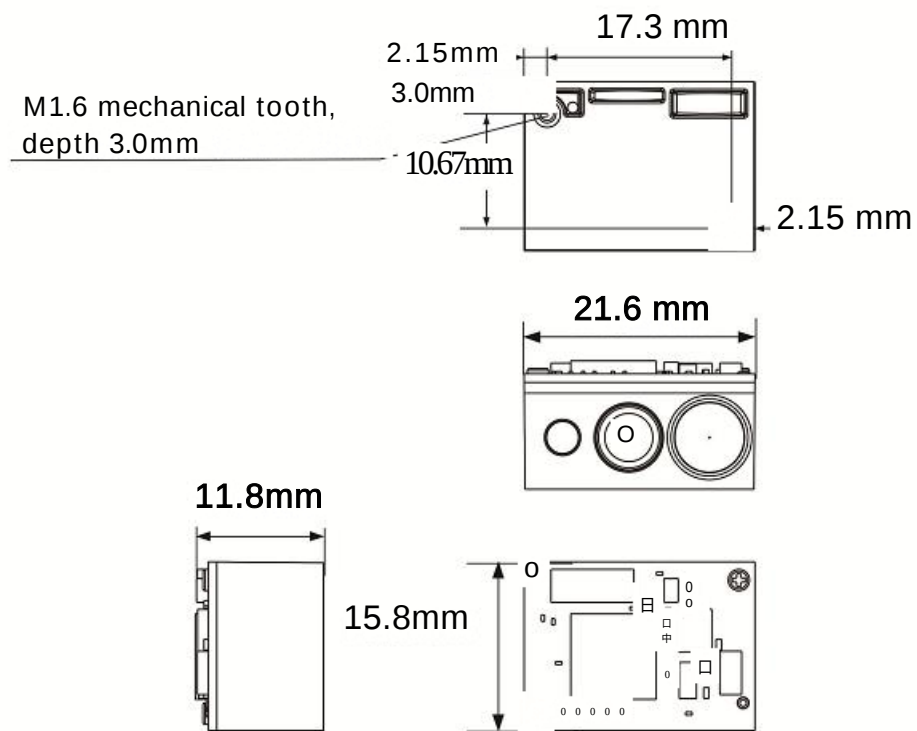
Physical Characteristics

Physical size	21.6×15.8×11.8mm (W×D×H)
Weight	About 5g

Environmental Character

Temperature	-10℃~+50℃ (Work) , -40℃~+70℃ (Storage)
Humidity	5%~95% No condensation
Ambient light	0-8600lux (Fluorescence)

2.Product Size



3.Definition of PIN

Interface number	Type	Name	Instruction
PIN 1	Dormant	SLEEP	Sleep in low power
PIN 2	Electric source	VCC	Power supply
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