

## CMR213

### 2 D image fixed barcode reader

- Comprehensive reading ability
- Low-power consumption design is compatible with all kinds of devices
- Humanized light source
- Powerful data editing function
- Reliable and durable structural design



### Product characteristics

#### Comprehensive reading ability

You can read the paper code and direct parts barcode with a density of more than 4 ml.

#### Low-power consumption design is compatible with all kinds of devices

The low power consumption design of the device can minimize the connection problems caused by insufficient USB driving capacity of the upper machine or excessive voltage requirements of the access device, and maximize the compatibility of the device.

#### Powerful data editing function

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

#### Reliable and durable structural design

Can withstand repeated drops from 1.0m high to the concrete floor Fall, so that the product has excellent reliability and stability.

#### Humanized light source

White high brightness LED light fill system, laser cross aiming



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2 D image fixed barcode reader

## technical parameter

### electrical character

data interface	RS232
working voltage	DC 5V $\pm 5\%$
working current	250mA

### optical characteristics

illuminant	white LED
sensor	CMOS sensor
resolution ratio	1280 $\times$ 1024

### performance characteristic

reading angle	bias: $\pm 60^\circ$ shifting: $\pm 60^\circ$ revolve: $360^\circ$
minimum resolution	1D: $\geq 4\text{mil}$ 2D: $\geq 5\text{mil}$
minimum print contrast ratio	$\geq 30\%$ UPC/EAN 13 (13 mil)
field of vision	41° (H) $\times$ 35° (V)
curvature	R > 20mm ( EAN-8 ) , R > 30mm ( EAN-13 )



decoding ability	1D:Coda bar,Code11,Code32,Code39,Code93,Code128,EAN-8,EAN-13, UPC-A,UPC-EIATA 2of5,Interleaved 2of5,Matrix2of5,MSI,Pharmacode, Plessey,RSS-14, RSS-14 Expanded,RSS-14 Limited, Composite Code-A, Composite Code-B, Composite Code-C  2D:Data Matrix , Aztec, Maxi Code, Micro PDF 417,Micro QR Code, PDF417,QR Code
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### physical characteristics

size	46×38×21mm(L×W×H)
weight	about 60g(excluding cable)
prompting mode	LED Tip and buzzer

### environmental characteristics

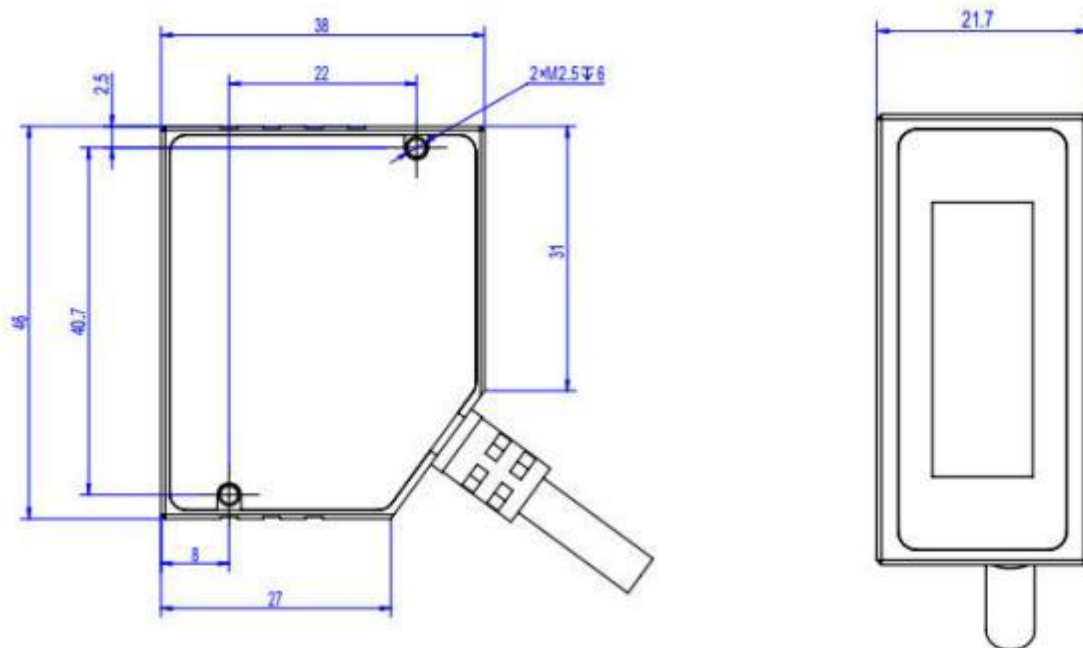
temperature	0°- 50°C(work) , -40°- 70°C (store up)
humidity	5% - 95%,No condensation
light resistance	0 ~ 86,000 LUX

### Knowledge of deep reading

EAN-13	40mm-390mm (12mil)
Code39	50mm-240mm ( 5mil)
QR Code	35mm-350mm (20mil )
Data Marix	30mm-120mm ( 15mil)
PDF 417	35mm-260mm (10mil )



Dimensional drawing:



## 产品线序

线缆颜色	名称	说明
Red	DC-5V	source
Green	TXD	data output: serial port output
White	RXD	data input: serial port input
Black	GND	Power to
Yellow	Trigger	External trigger