

## CP350

### 2D fixed bar code reader

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



### Product Features

#### Comprehensive reading ability

It can read paper codes with a density of more than 6mil in one dimension and direct component barcodes.

#### Low power design compatible with all kinds of devices

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

#### Humanized light source

It 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 needs.

#### Reliable and durable structure design

It can withstand repeated falls from a height of 60cm to the concrete floor, making the product have excellent reliability and stability.

# CP350

2D fixed bar code reader

## Technical Parameter

### Electrical Specification

Data interface	RS-232 /USB
Working voltage	DC 5V $\pm$ 10%
Working current	250mA

### Optical Property

Light	5600K White LED
Visual angle	76° (H) x 43° (V)
Image (pixels)	1280 x 800

### Performance characteristic

Operating distance	QR 20mil: 0~50mm
	UPC 13mil: 0~45mm
Min resolution	1D : $\geq$ 6 mil
	2D: $\geq$ 10mil
Min print contrast	> 30%UPC/EAN 13(13mil)
Decoding ability	1D: UPC-A, UPC-E , EAN-8 ; EAN-13, Code 128, Code 39, Code 93, Interleaved 2 of 5Codabar MSI Plessey, Pharmacode GS1 DataBar (RSS-14 , Limited , Expanded)

Decoding ability	2D: PDF417, MicroPDF417, Data Matrix, QR Code , Micro QR Code
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### Physical Characteristics

Dimension	31.04 x 61 x 65 mm(L×W×H)
Weight	About 200g
Prompting mode	Buzzer

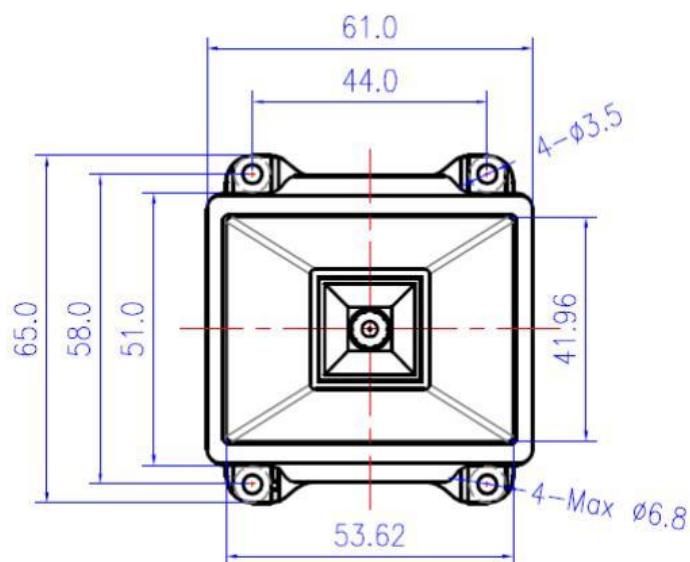
### Environmental Character

Temperature	0°-50°C(Work) , -40°- 70°C (Storage)
Humidity	5%~95%, No condensation
Light resistance	0~86000Lux
Seismic ability	Fell to the concrete surface at 60cm

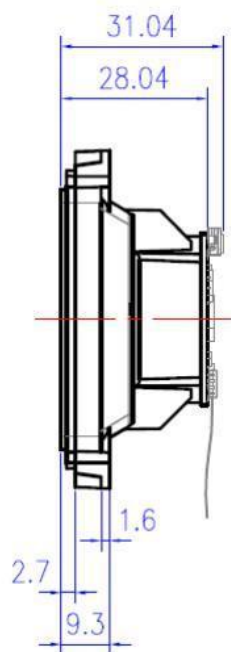
## Size of the Exterior



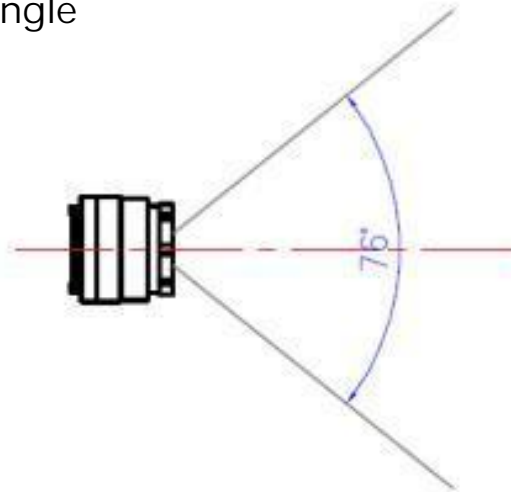
Front Outline



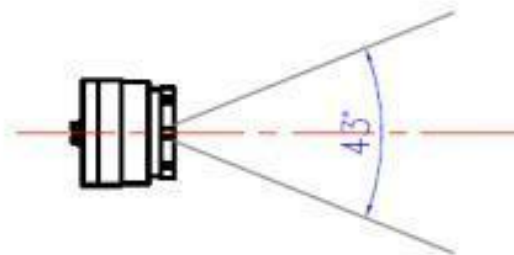
Left Elevation



Horizontal View Angle



Vertical Angle of View



## PIN Definition

PIN	Signal Name	Input /Output	Instruction
1	NC	-	
2	VIN	-	Power input
3	GND	-	Land ing
4	RXD	I	TTL-232 receives
5	TXD	O	TTL-232 sent
6	D-	I/O	USB communication D-differential signal
7	D+	I/O	USB communication D+ differential signal
8	NC	-	
9	BEEPER	O	Output of buzzer
10	nGoodRead	O	Decoding instruction output signal
11	NC	-	
12	nTrig	I	Trigger input signal

