

# YJOT 亿嘉

科技改变未来

## CP700GS

### 2D Imaging Module

- Comprehensive reading skills
- Low-power design
- Powerful data editing capabilities
- Reliable and durable structural design



## Product Features

### Comprehensive reading skills

An image processing technology specifically optimized for barcode applications can recognize barcodes on various media such as screens and paper. Supports recognition of various positive and negative color codes.

### Low-power design

Supports instant wake-up scanning in ultra-low power mode, with minimum sleep power consumption of 6 mA.

### Powerful data editing capabilities

Supports AI parsing and transmission of various application identifiers defined in the GS1 specification, including compliance with the UDI codes specified for medical devices.

### Reliable and durable structural design

Highly integrated with compact dimensions, this compact hardware-based solution enables rapid and efficient recognition of various barcode types.

# CP700GS

## Two-dimensional imaging module

### Technical Parameter

Electrical character	
<b>Data interface</b>	USB HID KEYBOARD/USB VCP
<b>Working voltage</b>	DC 5V±5%
<b>Working Current</b>	100mA
Optical characteristics	
<b>Sensor Resolution</b>	640×480 CMOS
<b>Lighting source</b>	White light LED
<b>Focus on the light source</b>	Green LED
Performance characteristic	
<b>Scan angle</b>	Rotate360°, tilt:±40°, tiltangle:±40°
<b>Field of View</b>	62°horizontal,48°vertical
<b>Minimum resolution</b>	≥5mil
<b>Minimum print contrast</b>	≥10%UPC/EAN 13 (13mil)
<b>Decoding capability</b>	1D: Code 128、EAN-13 、EAN-8、UPC-E、UPC-A、ISBN、ISSN、Code11、ITF-25 (Interleaved 2 Of 5) 、Code39、Code93、Code32、Codabar Matrix 2 of 5、Industrial 25、IATA 25、MSI Plessey 2D: QR Code、Micro QR、Data Matrix 、PDF417

### Physical characteristics

<b>Physical Dimension</b>	91.26 mm x 39.87 mm x 15.7 mm(length * width * height)
<b>Weight</b>	17g

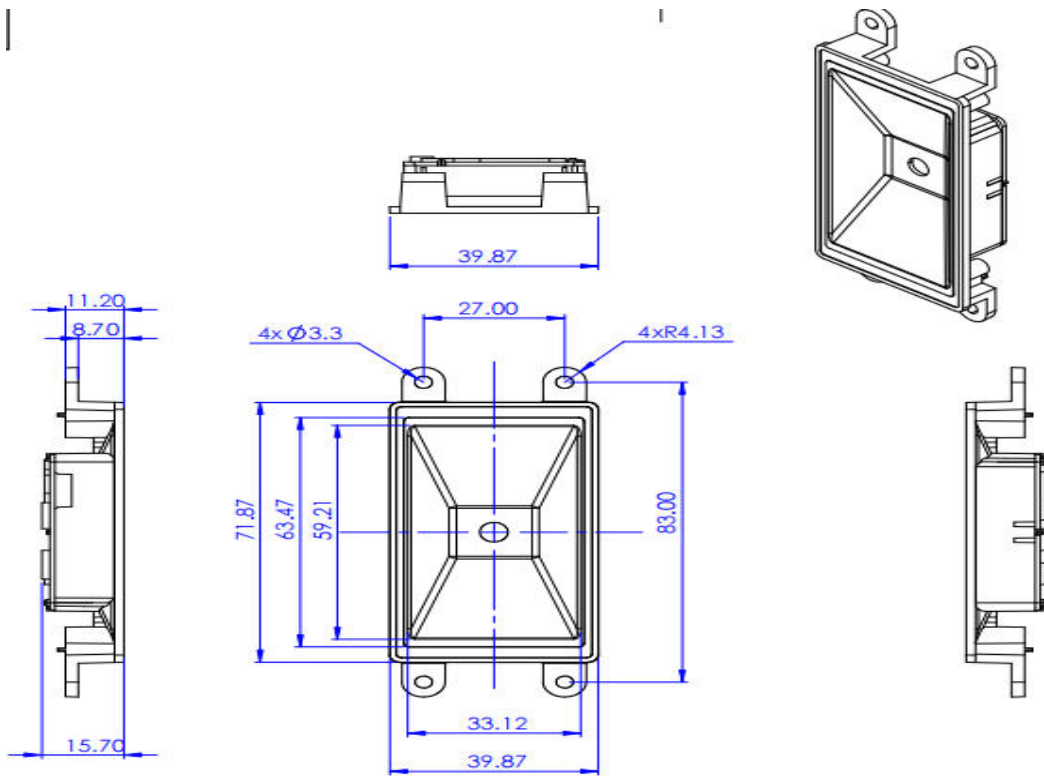
### Environmental characteristics

<b>Temperature</b>	-20°C~+60°C
<b>Humidity</b>	No coagulation observed at 5% to 95%
<b>Storage temperature</b>	-40°C~+70°C

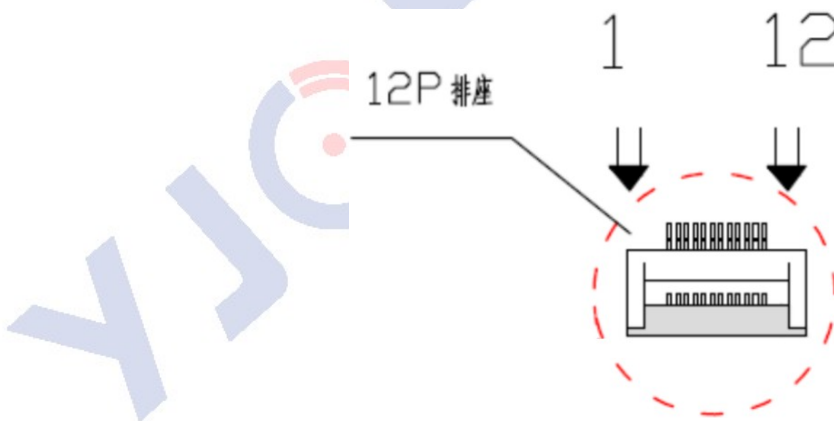
### Read and interpret depth of field

Code128(8mil)	20~85mm
Code128(10mil)	30~100mm
QR Code(10mil)	10~70mm
QR Code(20mil)	15~125mm

## Mechanical Dimension



## Interface Definition



## 12PIN Interface Definition

Order number	Pin name	Explain
1	NC	NC
2	VCC	5V

3	GND	GND
4	RX	TTL SerialPort Reception
5	TX	TTL SerialPort Send
6	DN	USB_D-
7	DP	USB_D+
8	NC	NC
9	BEEP	Buzzer Control
10	DLED	LED pilot lamp
11	NC	NC
12	nTrig	Triggersignalpin

## 8PIN Interface Definition

PIN#	Definition	Description of the function	I/O type
1	VCC	5V	-
2	USB_D-	USB Data	I/O
3	USB_D+	USB Data	I/O
4	TXD	TTLs transmit by radio	O
5	RXD	TTL receive	I
6	GND	GND	-
7	DECODE_EN	Trigger barcode reading signal input	I
8	GND	GND	-