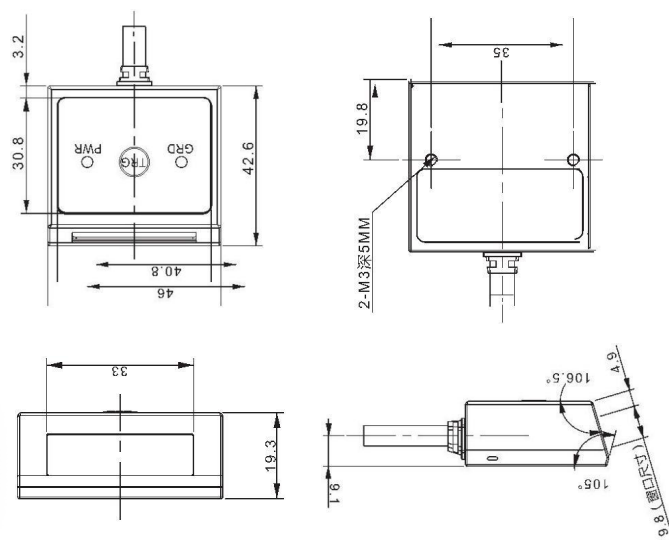


RS301 Fixed-mount Laser Barcode Scanner



➤ I/O trigger and Self-induced Mode

➤ Long-term stability

➤ Compact structure

➤ Fully Enclosure

➤ USB & RS232 interface

Applications

- Self - service terminal integration
- Medical equipment
- Ticketing terminal

Performance Parameters

Light Source	LED wavelength 650nm±10nm
Host System Interface	USB, RS232

Physical Parameters

Dimensions	46.0mm*42.6mm*19.3mm)
Weight	200g (including cable)

Electrical Parameters

Input Voltage	5VDC±0.25V
Working Current	<100mA(typical value)
Stand-by Current	<1.5mA(typical value)
Laser Level	Class 2:IEC60825-1, EN60825-1
EMC	FCC Part15, ICES-003, EN5502 Class A

Environmental Parameters

Operating Temperature	-20°C~60°C
Storage Temperature	-40°C~70°C
Humidity	5% to 95% relative humidity, non-condensing
Shock Resistance	2000G over 1KHZ
Ambient Light Immunity	Direct sunlight: 100,000 Lux
ESD Protection Level	±8KV direct discharge
RF Anti-interference	10 v/m

Scanning Parameters

Scan Type	Single line
Scanning Lines	114 times / s
Scanning Angle	48°
Print Contrast	The minimum reflection difference is 20%
Roll /Pitch /Yaw	35°, 50°, 65°
Decode Capability	All standard 1D barcodes

Decode Range

4 mil Code 39	109mm-149mm (4.3" -5.9")
5 mil Code 39	94mm-201mm (3.7" -7.9")
7.5 mil Code 39	68mm-305mm (2.7" -12.0")
10 mil Code 39	55mm-381mm (2.2" -15.0")
13 mil 100% UPC	52mm-457mm (2.0" -18.0")
15 mil Code 39	45mm-547mm (1.77" -21.5")
20 mil Code 39	43mm-680mm (1.7" -26.8")
40 mil Code 39	85mm-891mm (3.4" -35.1")
55 mil Code 39	119mm-976mm (4.7" -38.4")