


YJ1000 SCAN ENGINE

	Size:46mmL*40mmW*18mmH	
	Weight:13.7g	
	Working Current:42mA @ 5V	
	Infrared Sensor:Manual trigger	
	Output Signal:TTL	
	Laser Energy:0.7mW	
Optical		
Light source	Visible laser diode, wavelength 650nm	
Laser Energy	0.7mW	
Scan mode	Single-line scan	
Scan speed	100scans per seconds (sps)	
Resolution	0.10mm (pcs0.9)	
Reading Distance	25-270mm(0.33mm. PCS 90%)	
Tilt Angle	65°	
Skew Angle	55°	
PCS	0.45	
Physical		
Size	42mmL*43mmW*17mmH	
Weight	13.7g	
Interface	8-Pin ZIF Adaptor Industry standard output	
Power		
Voltage Requirement	5V	
Working Current	42mA	
Safety	CDRH class 2 laser product	
EMI Generation	FCC Class A, CISPR Class A	
Environment		
Operation Temperature	0°C-45°C	
Storage Temperature	-20°C-60°C	
Humidity	5%-95% (non-condensing)	
Ambient Light	Max. 5,000 Lux (FL)	
8-Pin ZIF Adaptor Industry standard output		
Pin	Definition	Remarks
8	VCC IN	DC 5V
7	RXD	Receive data
6	VCC OUT	DC 3.3V
5	SYNC	Trigger buttons
4	TXD	Transmit Data (3.3v)
3	BUZZ	Sound
2	LED	Signal lights
1	GND	Ground