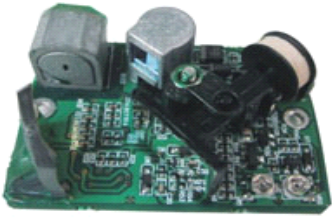


### YQ3000 SCAN ENGINE

	Size:40mmL*27mmW*18mmH	
	Weight:13.7g	
	Working Current:42mA @ 5V	
	Infrared Sensor:Manual trigger	
	Output Signal:TTL	
	Laser Energy:0.7mW	
<b>Optical</b>		
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	
<b>Physical</b>		
Size	42mmL*43mmW*17mmH	
Weight	13.7g	
Interface	8-Pin ZIF Adaptor Industry standard output	
<b>Power</b>		
Voltage Requirement	5V	
Working Current	42mA	
Safety	CDRH class 2 laser product	
<b>EMI Generation</b>	FCC Class A, CISPR Class A	
<b>Environment</b>		
Operation Temperature	0°C-45°C	
Storage Temperature	-20°C-60°C	
<b>Humidity</b>	5%-95% (non-condensing)	
Ambient Light	Max. 5,000 Lux (FL)	
<b>8-Pin ZIF Adaptor Industry standard output</b>		
Pin	Definition	Remarks
1	VCC	DC 5V
2	NC	not connection
3	LASER_EN	laser enable
4	NC	not connection
5	DATA	serial data
6	SOS	frame signal
7	LED	led
8	GND	ground