



Fixed Laser Barcode Scanner

- Customized decode resolution model of 5mil or 3mil
- Decode all major 1D barcode symbologies including GS1 DataBar
- Infra-red auto-induction
- Mirror surface reflection cancellation
- With IP64 high performance ingress protection
- Easy firmware upgrade
- Flexible software customization
- Easy to install in different environments: e.g. assembly line, KIOS, etc.

Technical specifications

Input voltage	5 VDC \pm 0.25V	
Power	425 mW (Operating); 500 mW (Max.)	
Current	85 mA (Operating); 100 mA (Max.)	
Standby current	<250 μ A	
Laser	650nm laser diode	
Scan rate	44 \pm 2 scans/sec	
Scanning angle	\pm 60°, \pm 65°, \pm 42° (Skew, Pitch, Roll)	
Decode capability	All major 1D barcode symbologies including GS1 DataBar variants	
Indicator	Beeper	
Interface supported	RS-232, USB Keyboard, USB virtual COM	
Operating mode	Hand-held, Command control, Infra-red induction sensing	
Dimensions	9.6cm H \times 7.7cm W \times 2.4cm D	
Weight	175g (with RS232 cable) / 155g (with USB cable)	
Cable	RS232 cable, straight 2.0m / USB cable, straight 1.5m / PS2 cable, straight 2.0m	
Connector type	RJ-45 phone jack connector	
Case material	ABS	
Temperature	0° to 50°C (32° to 120°F), Operating; -40° to 60°C (-40° to 140°F), Storage	
Humidity	5% to 95% (non-condensing)	
Programming method	Manual (reading special barcode) / PC software	
Program upgrade	Online	
Decoding depth & Max. resolution	Long-range series	High-density series
	5 mil: 40-110mm	3 mil: 5-50mm
	10 mil: 10-280mm	10 mil: 10-85mm
	13 mil: 15-315mm	13 mil: 10-150mm
	16 mil: 25-385mm	16 mil: 25-165mm
	35 mil: 145-630mm	35 mil: 145-295mm
Safety	Laser safety: EN60825-1, Class 1	
	EMC: EN 55022, EN 55024	
	Electrical safety: EN 60950-1	
	Drop resistance: Multiple 1.5m (5ft) drops to concrete	
	Protection class: IP64	

[Notice]: Specifications are subject to change without notice

