

# Long Range CCD / Laser Barcode Scanner



IECQ  
QC  
080000



# Long Range CCD / Laser Barcode Scanner



## MT7900 SERIES TECHNICAL SPECIFICATIONS

MODEL	MT7930 CCD Scanner	MT7940 Laser Scanner
<b>PERFORMANCE</b>		
Light source	Visible Red Led: 660 nm	Laser diode: 650 nm
Sensor (pixels)	2048 pixels CCD Arrays	Photo diode
Depth of Field	30 to 400 mm @ 15.6 mil	30 to 250 mm @ 15.6 mil, JAN
Best Resolution	0.1mm (4 mil) $\geq$ 1	0.125mm (5 mil)
PCS	0.9 (Min)	
Scan Rate	230 scans / second	90 scans / second
Largest Readable Label Width (Code 39, 1 nm Code(4 mil))	200 mm / 7.9	120 mm / 4.9
Sunlight	3000Lux / Max (Fluorescent Light)	
<b>MECHANICAL</b>		
Dimension	L160 x W96 x H88 mm	
Weight(With Cable)	140g $\pm$ 5g	220g $\pm$ 5g
Cable	RS2, RS232, USB	
<b>ELECTRICAL</b>		
Operating Voltage	5VDC $\pm$ 5%	
<b>POWER CONSUMPTION</b>		
Standby Current	< 90 mA	< 65 mA
Working Current	< 230 mA	< 135 mA
Surge Power	< 750 mA	< 850 mA(USB)
<b>ENVIRONMENTAL</b>		
Operating Temperature	0°C to 50°C	
Storage Temperature	-20°C to 60°C	
Relative Humidity	20%RH ~ 85%RH(non-condensing)	
Mechanical Shock (Drop onto concrete)	1.8 m	1.5 m
ESD Protection	Functional after 4KV Contact, 8KV discharge	
EMC	FCC class B and CE approval	
<b>ORDER INFORMATION</b>		
RS232	MT7932	MT7942
Keyboard/Wedge	MT7933	MT7943
USB	MT7935	MT7945
STAND	MT7909	
<b>SYMBOLOGIES</b>		
Symbologies	UPC-E, UPC-A, EAN-8, EAN13, UCC / EAN128, JAN, ISBN, ISSN, Code 11, Code 39, Code 93, Code 32, Code 128, Intersive 2 of 5, Industrial 2 of 5, Matrix 2 of 5, JATA 2 of 5, China Post Code(Toshiba Code), MSI, Codebar, UK Plessey, Telepen, RSS-14, RSS-Limited, RSS-Expanded	

- \* 1.3 mil high density is available on request.
- \* All product Specifications are subject to change without notice.
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