

LS8000

Long-range laser barcode RFID readers

- An advanced, durable, ergonomically designed and high performance long-range laser barcode RFID reader, the LS8000 provide a wide range usage.
- A 13.56M Hz RFID reader and a RIOTEC laser barcode engine inside, make LS8000 have powerful performance in both RFID and barcode fields.
- A durable rubber-overmolding protection makes LS8000 easily handling.
- Auto-sensing function (LS8020) and a hand-free stand are optional.
- Providing exceptional quality and performance, the LS8000/LS8020 is a perfect product for a wide variety of applications, including business and professional offices, healthcare facilities, retail outlets, warehouses, laboratories and shipping and receiving.



Scanners Specifications

• Model Name	LS8000
• Description	RFID & 1D Laser Barcode Scanner
Performance Characteristics	
• Light source	650 nm Laser Diode
• Depth of field(40 mils)	Up to 600 mm
• Scan speed	100 scans/sec
• Best resolution	0.1 mm (4mils) - Code 39
• Print contrast	45% or more
• Reading angle	38°
• Reading indicator	Blue led & beeper
• Auto-sensing	
• Interface	K/B & USB & RS232
• RF transmit distance	10 M
• Symbologies	UPC/EAN/JAN, Code 39, Codabar, ITF 2/5, Code 128, Code 11, Code 93, MSI/Plessey, Pharmancy, ...
Electrical Characteristics	
• Input voltage	5 VDC \pm 0.5V
• Current - operating	130 mA
• Current - standby	30 mA
• Back up power	4.2 V rechargeable Lithium battery
• Battery life	700 cycle times
• Regulation	FCC Class A & CE
Physical Characteristics	
• Dimension(L * W * H)	97x 70 X 175 mm
• Weigh	150 g +/- 5 g (No cable)
• Cable - K/B wedge	Straight 2.0 m
• Case material	ABS plastic
• Cushion material	Rubber
Environment	
• Temperature-operation	0°C to 50°C
• Temperature-storage	-20°C to 60°C
• Humidity-operation	10% to 85% relative humidity, non-condensing
• Humidity-storage	5% to 95% relative humidity, non-condensing
• Light level	Sun Light Up to 80000 Lux
• Shock	1.5 m drop onto concrete
Decode Zone (Based on Symbol's Standard Code 39)	
• 6 mils	50 ~ 155 mm
• 20 mils	40 ~ 350 mm