

LEO-W

Wearable Barcode Ring

NEW



Features

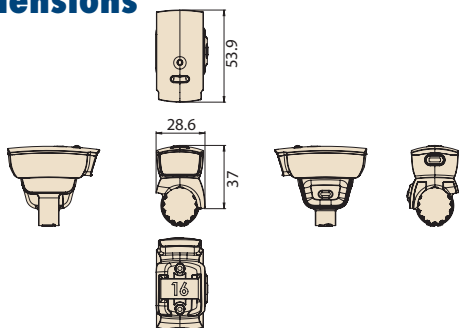
- Wearable ring enables hands-free operation
- Compact and lightweight for convenient portability
- Battery supports 8 hours operation/1.5 hour charge time
- Ergonomic design enhances user comfort

Specifications

Sensor Type	Linear	
Resolution	4 mil/0.1 mm	
Indicator	LED, Buzzer	
Angle	Scan Angle 41° Pitch Angle $\pm 30^\circ$ Skew Angle $\pm 40^\circ$ Roll Angle $\pm 20^\circ$	
Battery	250 mAh	
Battery Life	8 hours or 6000 scans (5 seconds per scan)	
Charge Time	1.5 hours (full capacity)	
Radio	Bluetooth 4.1 (Class 2)	
Coverage	10 m/33 ft (line of sight)	
Symbologies	UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar	
Typical Depth of Field (@800 Lux)	▪ Code 39 4 mil: 33 ~ 83 mm 5 mil: 27 ~ 105 mm 10 mil: 30 ~ 205 mm 15 mil: 44 ~ 292 mm	▪ UPC/EAN 13 mil: 41 ~ 239 mm
Dimensions (H x W x D)	53.9 x 37 x 28.6 mm (2.12 x 1.45 x 1.05 in)	
Weight	33 g (0.07 lb)	
Environmental	Operating Temperature	-20 ~ 50 °C (-4 ~ 122 °F)
	Storage Temperature	-20 ~ 60 °C (-4 ~ 140 °F)
	Humidity	Up to 95% relative humidity, non-condensing
	Drop Tolerance	1 m
	IP Rating	IP54
Light Levels	70,000 lux	
ESD	4 kV contact, 8 kV air	
Certification	CE, FCC, NCC	

Dimensions

Unit: mm



Ordering Information

Part Number	Description
LEO-WB21-000	LEO-W barcode ring

Packing list

Part Number	Description
1700029373-01	Magnetic USB cable
1990033112T000	#10 ring strap
1990033113T000	#12 ring strap
1990033114T000	#16 ring strap
1990033115T000	#20 ring strap
1990033116T000	#24 ring strap