

M1 USB 1D Laser Barcode Scanner



PRODUCT OVERVIEW

Model	M1
Product Type	Barcode Scanner

Scanning Performance	
Decode Capabilities	1D
Scan Engine	Laser
Illumination	Visible laser diode, wavelength 630-650 nm 265 lux (130 nm) 0-100,000 lx
Acquisition Rate	150 scans/s
Minimum Element Resolution	≥5 mil
Minimum Print Contrast	≥35%
Field of View	34° V x 46° H(Vertical x Horizontal)
Angular Tolerance	±65°, ±60°
Depth of Field	5 mil: 40-105 mm 10 mil: 10-250 mm 15 mil: 23-380 mm 20 mil: 35-490 mm 30 mil: 30-650 mm
Supported Symbolologies	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN/ISSN, 39, 39 (Full ASCII), 32, Trioptic 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), 128, UCC/EAN128, ISBT128, 93, 11 (USD-8), MSI/Plessey, UK/Plessey, (is: RSS) family
Trigger Modes	Manual trigger, automaticContinuous mode

Connectivity & Wireless	
Connectivity	Wired
Host Interfaces	USB Standard USB (customRS232)

Power	
Operating Voltage	(3.3V~4.2V) ±5%

Physical Specifications	
Dimensions	L × W × H (mm):165 × 65 × 90 mm
Weight	Approx. 168 g

Physical Specifications	
Enclosure Material	ABS+TPU
Color Options	Black
Cable Length	1.8 m
Stand Included	No
User Feedback	Buzzer, LED indicator

Environmental & Compliance	
Drop Resistance	2 m free-fall drop
Operating Temperature	0°C-60°C
Storage Temperature	-40°C-80°C
Relative Humidity	5%-90%
Ambient Light Immunity	0-100,000 lx
Certifications	CE, RoHS, FCC