

NT-90 Fixed Mount Barcode Scanner



PRODUCT OVERVIEW

Model	NT-90
Product Type	Barcode Scanner

Scanning Performance

Decode Capabilities	1D/2D
Scan Engine	CMOS
Sensor Resolution	1280 X 800 megapixel C-MOS sensor
Illumination	625±5 nm (8xLED) 617 nm, red line
Minimum Element Resolution	1D: ≥4 mil 2D: ≥7 mil
Minimum Print Contrast	≥30% @ UPC/EAN 100%
Field of View	54° (Horizontal), 33° (Vertical)
Angular Tolerance	54° (Horizontal), 33° (Vertical)
Depth of Field	EAN (13 mil,100 %) 35 mm - 300 mm Code 39 (5 mi) 65 mm - 130 mm
Supported Symbologies	1D UPC A, UPC E, EAN 8, EAN 13, Code 128, Code 39, Code 93, Code 32, Code11, Codabar, Plessey, MSI, Interleaved 2 of 5, IATA 2 of 5, Matrix 2 of 5, Straight 2 of 5, Pharmacode, RSS-14, RSS-14 Expanded, RSS-14 Limited Composite Code-A, Composite Code-B, Composite Code-C 2D PDF 417, Micro PDF 417, Data Matrix, QR, Micro QR, Aztec, MaxiCode
Trigger Modes	Trigger mode; Sensor mode; Continuous mode; Pulse mode; External trigger mode

Connectivity & Wireless

Connectivity	Wired
Host Interfaces	USB, RS232

Power

Operating Voltage	5 VDC +/-10% 300 mA +/-5% (typical) 450 mA +/-5% (Max.)
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Physical Specifications

Dimensions	50 × 40 × 23 mm 40 (W) × 50.3 (D) × 23.1 (H)
Weight	Weight: Approx. 85 g About 85 g (without cable)
Stand Included	No

Physical Specifications	
User Feedback	Buzzer; LED

Environmental & Compliance	
IP Rating	IP65
Drop Resistance	1.5 meter to Concrete floor
Operating Temperature	-20°C~+60°C -20°C~60°C
Storage Temperature	-40°C~+70°C
Relative Humidity	5%~95% (No condensing)