



Barcode Scanner

Laser Barcode Scanner

The TCNM can detect over a dozen of the most commonly used linear barcode symbols with a fast reading rate.

- Advanced algorithm and multiple scans can reconstruct damaged codes
- Has a barcode reading range of up to 600 mm
- Rugged, IP65-rated industrial housing
- SMART TEACH push button programming
- 500 to 1000 scans per second



Correct Label Verification

Lot control and traceability for a pharmaceutical manufacturer

Barcode Scanner, 10-30 V DC

Visible Red Laser

Sensing Mode	Range	Resolution	Laser Output	Models
Class 2 laser	40-300 mm	Standard resolution: 8-20 mils	Single line scan	TCNM-AD-1200
	50-310 mm	High performance: 6-20 mils		TCNM-AD-1204
	30-90 mm	High resolution: 6-12 mils		TCNM-AD-2200
	45-100 mm	High resolution, High performance 5-8 mils		TCNM-AD-2204
Class 2 laser	40-300 mm	Standard resolution: 8-20 mils	Ten line raster scan	TCNM-AD-1210
	50-310 mm	High performance: 6-20 mils		TCNM-AD-1214
	30-90 mm	High resolution: 6-12 mils		TCNM-AD-2210
	45-100 mm	High resolution, High performance 5-8 mils		TCNM-AD-2214
Class 2 laser	75-340 mm	Short range: 8-14 mils	Single line scan	TCNM-EX-0200
	100-440 mm	Medium range: 10-20 mils		TCNM-EX-1200
	190-600 mm	Long range: 14-20 mils		TCNM-EX-2200
Class 2 laser	75-340 mm	Short range: 8-14 mils	Ten line raster scan	TCNM-EX-0210
	100-440 mm	Medium range: 10-20 mils		TCNM-EX-1210
	190-600 mm	Long range: 14-20 mils		TCNM-EX-2210

Conducts high-performance reading of industry standard barcodes.

- Code 128
- Code 39
- Codabar
- Interleaved 2 of 5
- EAN-13 (UPC-A)
- EAN-8
- UPC-E
- IMB
- Postnet
- Pharmacode
- GS1 DataBar
- GS1 DataBar Expanded
- GS1 DataBar Limited

Accessories



TCNM-AD-CAB
25-pin Connector



TCNM-ACBB1
Connection box



Barcode Scanner Specifications

Supply Voltage and Current	10 to 30 V dc Maximum 0.5 to 0.17 A; 5 W
Input/Output Configuration	Input 1 (External Trigger), Input 2: Optocoupled, polarity insensitive
Reading Features	Scan Rate (software): (600 to 1000 scans/sec) Aperture Angle: 50°
Construction	Black anodized aluminum housing, glass lens
Weight	330 g
Environmental Rating	IP65
Operating Temperature	Operating temperature: 0° to +45° C Storage temperature: -20° to +70° C Relative humidity: 90% (non-condensing)
Hookup Diagrams	See data sheet for more information