

# Laser Barcode Scanners



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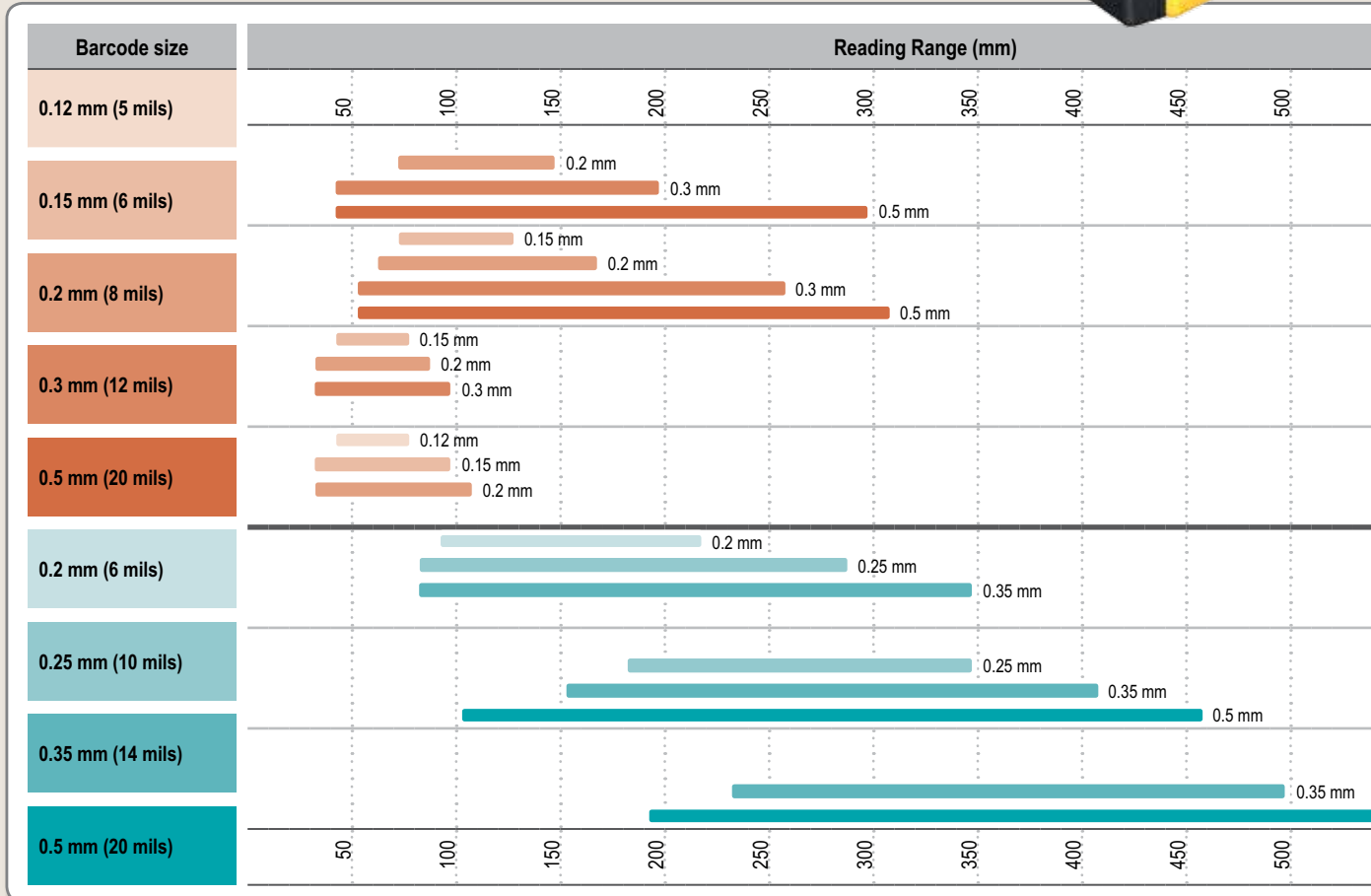
1.888.373.6767

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more sensors, more solutions

# Laser Barcode Scanners



## Correct Label Verification



Lot control and traceability for a pharmaceutical manufacturer

## Product Identification



Sorting in an automated warehouse



### Improved reading rate

- Code rebuilding algorithm combines information from multiple scans to reconstruct the information from a damaged code

### Intuitive setup

- Essential setup and diagnostic operations using SMART-TEACH push button and LED indicators

### Advanced functions

- GeniusPlus software and proprietary intra-sensor communication protocol eliminate the need for external multiplexer in multi-sensor setup

		Model	Type
550	600	Models listed below use a single line scan	
		TCNM-AD-1200	Standard resolution
		TCNM-AD-1204	High performance
		TCNM-AD-2200	High resolution
		TCNM-AD-2204	High resolution, High performance
		TCNM-EX-0200	Short range
		TCNM-EX-1200	Medium range
		TCNM-EX-2200	Long range
550	600	Models with raster scan are also available	

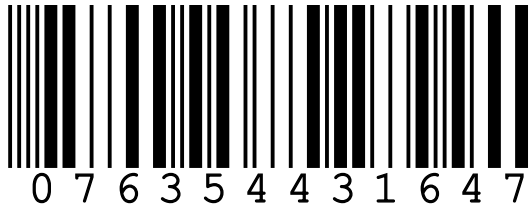
0.2 mm



0.35 mm



0.5 mm



### Printing Verification



Quality and content control in the printing industry

### Features

- IP65 rugged industrial housing
- Supply Voltage: 10 to 30V dc
- Class 2 Laser
- 500–1000 scans/second
- SMART TEACH

### Readable codes

- Interleaved 2 of 5
- Code 39, Code 93
- Code 128/GS1-128/ISBT 128
- EAN-13 (UPC-A), EAN-8, UPC-E
- Codabar
- Pharmacode
- GS1 DataBar Omnidirectional / Limited / Expanded
- Plessey



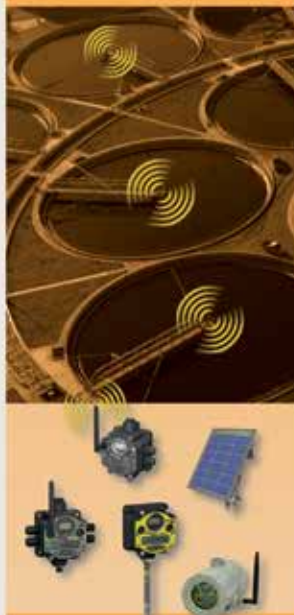
### Sensors

- Presence/Absence Detection
- Foreground & Background Suppression
- GO/NO GO Inspection
- Gating and Triggering
- Parts Counting
- Level and Distance Measurement
- Positioning
- Contrast and Colour Sensing
- Vehicle Detection (Radar, Ultrasonic & Magnetic Technology)



### Vision

- Vision Sensors with Onboard User Interface
- Pattern Recognition
- Traceability (Barcode, Datamatrix and Text Reading)
- OCR/OCV
- Complex Part Inspection
- Part Orientation
- Assembly Verification
- Colour Inspections



### Wireless I/O

- Slip Ring Replacement
- Tank Farm Monitoring
- Livestock Environmental Monitoring
- Water and Wastewater Treatment
- HVAC Remote Monitoring
- Traffic Monitoring & Control
- Remote Sensing in Process Automation
- Cable Replacement
- Hazardous Application Solutions



### Lighting & Indicators

- Bin & Part Picking
- Error/Mistake Proofing
- Pick-to-Light & Put-to-Light
- Operator Guidance
- Call for Parts
- Incorrect Pick Signal
- Remote Start/Stop Indication
- Work Station Lighting
- Mobile Equipment Work Lights
- Production Machine and Cabinet Lighting



### Machine Safety

- Safety Light Screens
- Ergonomic Two-Hand Control Devices
- Safety Modules
- Emergency Stop Devices
- Safety Interlocking
- Laser Scanners for Safety Applications
- Programmable Safety Controllers
- Enabling Devices

## 45-plus years of sensor design experience, quality control, sales support and cost-effective solutions

- Banner quality products with global availability
- More than 30,000 different products across 40 industries
- Rapid customization with most products shipping in 3 days or less
- Industry's largest force of application engineers to solve your toughest challenges
- More than 3,000 factory and local field representatives to serve you
- Worldwide presence with a friendly, local approach

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