



FM-6500:

L: 7.49 cm; W: 3.89 cm; H: 1.98 cm

FM-6610:

L: 6.8 cm; W: 2.79 cm; H: 1.7 cm

Features & Benefits:

- Customer-Specific Connector Cabling for Easy Connection and Installation
- Solid-State Electronics with No Moving Parts Provides Reliability
- Safe LED-based Illumination

Barcode Point Fixed Mount Scanner

JADAK's FM-6500 and FM-6610 are fixe mount stationary beam, non-contact digital barcode scanners.

When integrated into Original Equipment Manufacturer (OEM) instruments, the barcodes are moved by the FM-6500 or FM-6610 over the bar. The relative motion of the barcode creates a digitized bar-space pattern that is sent to an external decoder or microprocessor.

JADAK's FM-6500 and FM-6610 are designed for OEM applications that require optimized solutions and integration.

Applications:

- Time and attendance terminals
- Mechanical ticket readers
- Clinical and analytical chemistry instrumentation
- Office equipment
- Robotic systems
- Industrial automation equipment
- Test and measurement instruments
- Data collection terminals
- Materials handling equipment
- Image management systems
- Medical instrumentation
- Computer terminals



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FM-6500 / 6610

Scanning Performance	
Illumination	Two 660nm LEDs
Scanner Type	Fixed Mount, Stationary Beam
Scan Velocity	7.6 to 76 cm/sec (3 – 30 in./sec)
Nominal Focus	1.27 cm (50 in.)
Depth of Field	5 mm (.2 in.)
Alignment	Tile +/- 10°
Mechanical/Electrical	
FM-6500	L: 7.49 cm (2.95") ; W: 3.89 cm (1.53") ; H: 1.98 cm (.78")
FM-6610	L: 6.8 cm (2.68") ; W: 2.79 cm (1.1") ; H: 1.7 cm (.67")
Supply Voltage	4.5-5.5 VDC
Current Draw	45mA typical, 75mA Maximum
Cable	Configured at time of order
Digital Output	TTL Open Connector (white is low)
Environmental	
Operating Temperature	0°C to 50°C
Humidity	95% relative humidity, non-condensing, at 35°C

ABOUT JADAK:

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

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