

fm-1412

Product Overview

Combining quality and high-end performance with a compact size, the fm-1412 from JADAK™ is a fixed mount linear imager.

This scanner is an ideal solution for applications and products that require a small, reliable fixed mount bar code scanner. The fm-1412 is designed specifically for integration into OEM devices and will provide years of consistent performance.



- *Small Scan Window*

Helps fit scanning into applications with tight spaces

- *Aggressive Scan Performance*

Industry leading scanning and decoding technology automatically scans and discriminates current and future popular barcode types

- *No Moving Parts*

Solid-state electronics with no moving parts to break, come out of alignment, or wear

- *LED Based Illumination*

Safe illumination source means no safety or warning labels needed on OEM products

- *Small Form Factor*

Makes mounting and integration easy

- **Outstanding Reliability**
- **Safe Illumination**
- **Flexibility, Now and For the Future**



JADAK™
visionary thinking

fm-1412

Specifications

Scanning

Light Source:	617nm Highly Visible LED
Scan Rate:	Decoded operation = 500 scans/s
Scan Angle:	38°
Print Contrast:	Down to 25%
Min X Dimension:	0.15 mm (6 mils)
Reading Distance:	Up to 40cm (16 in)
Ambient:	100,000 Lux Maximum (Sunlight)
Symbologies:	Codabar, Code 11, Code 39, Code 93, Code 128, EAN, Industrial and Standard 2 of 5, Interleaved 2 of 5, ISBN, ISBT 128, Matrix, MSI, Plessey, RSS, Telepen, UCC EAN 128, UPC-A and UPC-E

Electrical

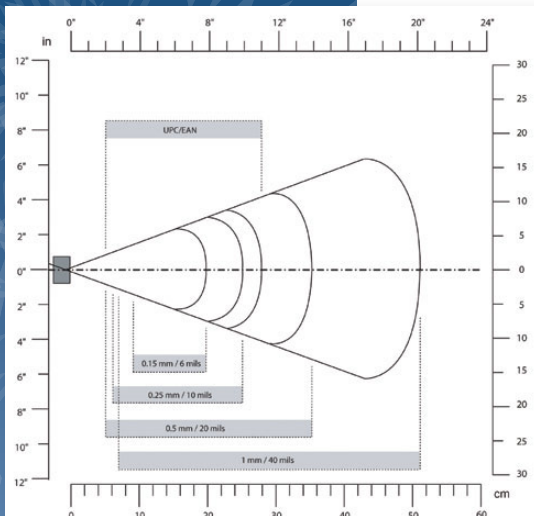
Communications:	RS-232 up to 115.2K baud USB COMM Port Emulation
Power Supply:	5v or 3.3v
Peak Current:	90ma decode, 55ma idle, 15ma powerdown for RS232 <i>(Designed to meet FCC Class B and CE specifications - RoHS and WEEE Compliant)</i>

Environmental

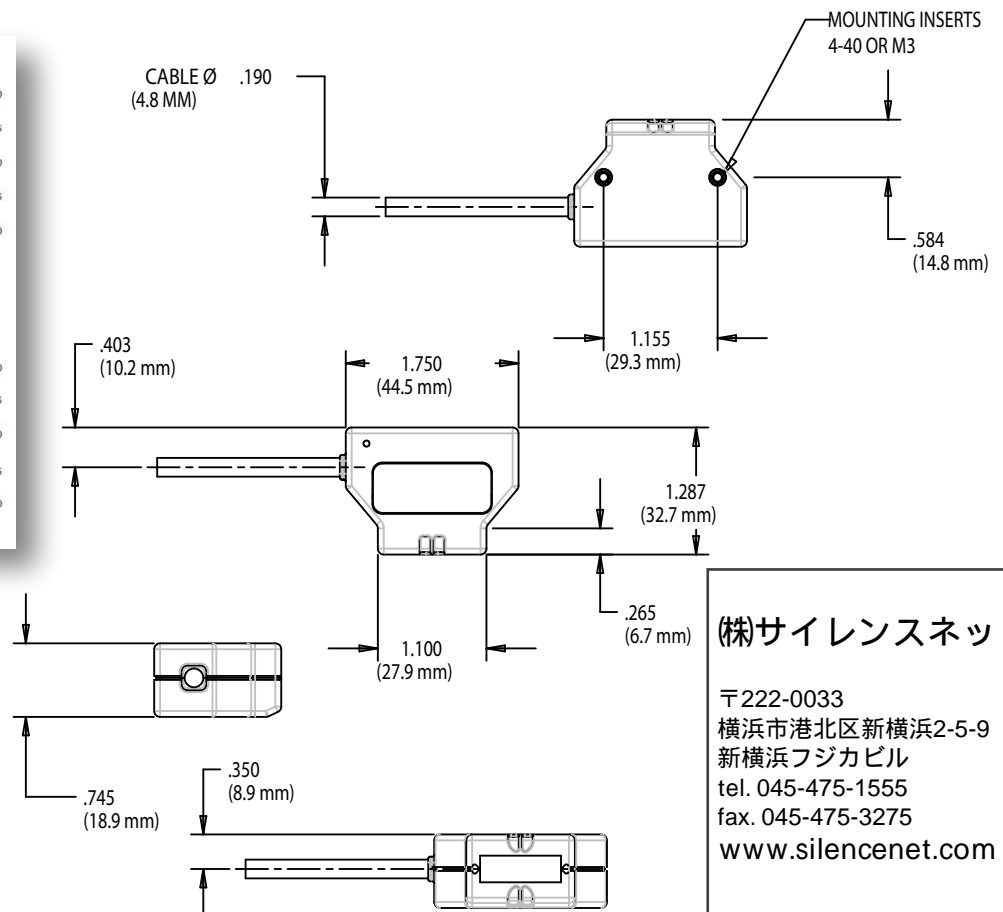
Operating Temperature:	-10° to 50° C
Relative Humidity:	95% RH non-condensing, at +35°C

Warranty

The fm-1412 is covered by a 1 year warranty.



Typical Reading Distances



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