



IFM140 SERIES INDUSTRIAL FIXED-MOUNT 2D SCANNER



Product Features

- **Modular Configuration:** Tailored engines for DPM, OCR, or high-speed needs.
- **Sealed Aluminum Housing:** Rugged IP54 protection with superior heat dissipation.
- **Dual-Angle Integration:** Front or downward-view options for bracket-free setup.
- **Exceptional Motion Tolerance:** Reliable high-speed reading up to 10 m/s.
- **Industrial Connectivity:** Vibration-resistant mounting with RS232 & USB support.

IFM140 SERIES

INDUSTRIAL FIXED-MOUNT 2D SCANNER

	IFM1406I (Front View or Downward View)
<u>Performance</u> Illumination Element Aiming LED Depth of Field Image Sensor Best Resolution Indicators Interfaces	Red LED White Light 13mil EAN13: 480mm CMOS (1280×1024 pixels) 1D (Code39) 4mil LED & Beeper USB HID/ Virtual COM, USB-Serial (by Request), RS232 (by Request)
<u>Supported Symbolologies</u>	1D: Codabar, Code 39, Code 32, Interleaved 2 of 5, NEC 2 of 5, Code93, Industrial 2 of 5, Matrix 2 of 5, Straight 2 of 5, IATA, Code 11, Code 128, GS1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, Hong Kong 2 of 5, Korea Post 2D: Codeblock A, Codeblock F, PDF417, Micro PDF417, GS1 Composite Codes, QRCode, Data Matrix, MaxiCode, Aztec
<u>Electrical</u> Input Voltage Operating Current	5V/DC ± 5% ≤ 290 mA
<u>Physical</u> Dimensions LxWxH Weight	41.2 x 35 x 24 mm (without Cable) < 40g (without Cable)
<u>Environmental</u> Operating Temperature Storage Temperature Operating Humidity	-5°C to 55°C -15°C to 65°C 5% to 95% Relative Humidity, Non-Condensing
<u>Decoding Zone</u> 4 mil Code39 5 mil Code39 13 mil EAN13 6.67 mil PDF47 10 mil DataMatrix 20 mil QR Code	Measured at 600 lux with standard barcodes (PCS ≥ 90%). Tolerance: ±10 mm. Actual DOF may vary by barcode quality and ambient factors. 65 ~ 180 mm 65 ~ 280 mm 50 ~ 480 mm 65 ~ 248 mm 50 ~ 290 mm 40 ~ 500 mm

