Newland AIDC
SCANNING MADE SIMPLE

FM3080 Hind

Fixed-Mount Scanners

1D & 2D | CMOS | Dual Interface | EasySet | Infrared | IP65

Mobile Reading | Visual Feedback | Warranty 5 Years

Features

Snappy on-screen barcode capture.
The FM3080 Hind is armed with Newland's sixth-generation of UIMG® technology. This CPU-based scanner excels at reading on-screen barcodes that contain a large amount of data.

Instant visual feedback.
With up to 4 color options available, the white scanning window of the FM3080 Hind can light up each scan. It can be programmed for different barcodes, a successful read, or to match your company brand.

Small form factor.
Dimensions of 78.7 x 67.7 x 47.5mm make the FM3080 Hind the smallest of the FM30 series. As a result, it takes up minimal space in a kiosk or at the POS.

IR and light sensors.
In order to achieve higher productivity, the FM3080 Hind has a combination of an IR sensor and light sensor. This combination creates improved sensitivity in activating the scanner to scan the presented barcode.

IP65 sealing.
The FM3080 Hind possesses a high IP-rating of IP65, making it resistant to water and dust.

Anti Reflection
The updated FM3080 Hind has an anti-reflection and glare coating on the underside of the glass, making reading barcodes from screens even snappier and user-friendly.

5 Years Full Warranty

EasySet

TECHNICAL SPECIFICATIONS

FM3080 Hind

Data Capture

1D	All major 1D symbologies, including EAN-8, EAN-13, UPC-A, UPC-E, ISSN, ISBN, Codabar, Standard 2 of 5, Code 128, Code93, ITF-6, ITF-14, GS1 Databar, MSI-Plessey, Code 39, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 11, Plessey.
2D	All major 2D symbologies, including PDF417, Data Matrix, QR Code, Micro QR Code, Aztec.
Depth of Field Code 128 (10mil)	0 mm - 185 mm
Depth of Field Code 39 (20mil)	40 mm - 210 mm
Depth of Field EAN 13 (13mil)	0 mm - 190 mm

Depth of Field QR (20mil)	0 mm - 130 mm
Field of View Horizontal	74°
Field of View Vertical	74°
Illumination	White LED
Image Sensor	800 x 800 CMOS
Minimal Print Contrast	25%
Scan Angle Pitch	±40°
Scan Angle Roll	360°
Scan Angle Skew	±40°
Scan Modes	Sense Mode, Continuous Mode
Scan Window	50 mm x 50 mm

Physical

Current @ 5VDC Operating	185 mA (typical), 193 mA (max)
Dimensions	78.7(W) x 67.7(D) x 47.5(H) mm
Input Voltage	5 VDC ±5%
Interfaces	USB, RS-232
Notifications	Beep, LED
Power Consumption	869 mW (typical)
Weight	132 g

Environmental

Electro Static Discharge (ESD)	±8 kV (direct discharge), ±15 kV (air discharge)
Humidity	5% to 95% (non-condensing)
IP Rating	IP65
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

Software

Configuration Tools	EasySet

Certifications

Certifications Hardware	CE EMC Class B, FCC Part15 Class B, RoHS

Warranty

Warranty Standard	5 Years

Accessories

Accessories Optional	USB cable, USB-C cable, Multiplug adapter, RS-232 cable
Accessories Standard	USB cable, RS-232 cable, Multiplug adapter

What's in the box?

NLS-FM3080V2-28	FM3080 Hind, RS-232 cable, Multiplug adapter
NLS-FM3080V2-20	FM3080 Hind, USB cable

Accessories

Charging/Power	ADP100 Power Supply for HR, FR, and FM Series (ADP100)
Cables	CBL017U RJ to USB-C Cable for HR, FR and FM Series (CBL017U) CBL025R RS232 Cable for FR and FM Series (CBL025R) CBL026U USB Cable for FR and FM series (CBL026U) CBL030UA USB Cable for HR12, HR32 and HR52 Series (CBL030UA) CBL036UA USB Cable for HR, FM, and FR Series (CBL036UA) CBL037R RS232 Cable for HR, FR, and FM Series (CBL037R) CBL042UA USB Cable for HR, FM, and FR Series (CBL042UA) CBL042UA V5.0 USB Cable for FM, and FR Series (CBL042UA V5.0)
Peripherals	EX232 Remora (NLS-EX232-01)

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