



1D & 2D



Mobile Reading



Visual Feedback



CMOS



Dual Interface



IP65



Infrared



EasySet



Warranty  
2 Years



**FM3080 Hind**  
Stationary Scanners

## 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 a coating on the underside of the glass to reduce the reflection and glare, making reading barcodes from screens, even snappier and user friendly.



## Suggested industries



Entertainment



Finance



Hospitality



Retail



Transportation

# FM3080 Hind Technical specifications

## Performance

Image Sensor	800x800 CMOS
Illumination	White LED
Depth of Field EAN 13 (13mil)	0-190mm
Depth of Field Code 39 (20mil)	40-210mm
Depth of Field Code 128 (10mil)	0-185mm
Depth of Field QR (20mil)	0-130mm
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±40°
Scan Angle Pitch	±40°
Scan Angle Skew	±40°
Field of View Horizontal	74°
Field of View Vertical	74°
Scan Modes	Sense Mode, Continuous Mode
Scan Window	50mm x 50mm

## 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.

## Physical

Dimensions (mm)	78.7(W)x67.7(D)x47.5(H)mm
Weight	132g
Interfaces	RS-232, USB
Notifications	Beep, LED indicator
Input Voltage	5VDC±5%
Current @ 5VDC Operating	250mA (typical), 266mA (max.)
Power Consumption	869mW (typical)

## Environmental

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

## Software

Configuration Tools	EasySet
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Specifications are subject to change without notice

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# FM3080 Hind Technical specifications

## Certifications

Hardware	FCC Part15 Class B, CE EMC Class B
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## Warranty

Standard	2 years
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