



# FM60 Cubera AI

Fixed-Mount Scanners



1D & 2D



Advanced Scripting



AI-Powered Barcode Detection



CMOS



Dual Interface



EasySet



GS1 Ready



High motion tolerance



IP52



OCR



Warranty 5 Years



## Features

### AI-Powered Scanning Technology.

The FM60 Cubera AI is equipped with Newland's UIMG and AI-Powered Barcode Detection scanning technologies. These advanced systems enable rapid, accurate, and reliable decoding of both 1D and 2D barcodes, even when they are damaged or distorted, as well as on reflective and curved surfaces. AI-powered devices utilize computer vision and self learning to accurately interpret barcodes. They efficiently analyze images to detect, locate, and read barcodes. The FM60 Cubera AI excels in challenging conditions, demonstrating advanced decoding performance and providing a reliable scanning solution that functions flawlessly in any situation.

### Powerful OCR Capability.

The FM60 Cubera AI is ideal for applications needing precise data capture from IDs and official documents. It is equipped with advanced OCR technology that scans and accurately extracts text.

### Medium Scan Window.

The FM60 Cubera AI is equipped with a medium scan window, which enables quick barcode capture, even when products are held very close to the device or not perfectly aligned. A significant benefit of this medium scan window is its cost-effectiveness for system integrators, as these devices are easier to mount on different types of kiosks.

### Advanced Multi-Core Processing Platform.

Equipped with a multi-core processing platform, the FM60 Cubera AI provides powerful computing capabilities, ensuring faster and more stable decoding performance.

### High Motion Tolerance.

The FM60 Cubera AI can quickly capture codes at a speed of 2 meters per second. This is particularly significant for users as it greatly enhances efficiency and reduces checkout queuing.

### Multiple Status Indicators.

The FM60 Cubera AI features six different status indicators that display the current working status of the scanner, including decoding, configuration, communication, and any abnormal conditions. This is especially important in fast-paced environments, such as static point-of-sale settings, as it allows users to quickly verify whether a barcode has been scanned correctly, helping to prevent unnecessary delays at checkout.

**5** Years Full Warranty



TECHNICAL SPECIFICATIONS

## FM60 Cubera AI

Data Capture

1D	Code 128, EAN-8, EAN-13, UPC-E, UPC-A, Coupon, Interleaved 2/5, ITF-14, ITF-6, Matrix 2/5, Code 39, Codabar, Code 93, China Post 2/5, UCC/EAN-128, GS1 Databar, GS1 Composite, Code 11, ISBN, ISSN, Industrial 2/5, Standard 2/5, Plessey, MSI-Plessey, AIM 128, ISBT 128, Code 49, Code 16K
2D	PDF417, Micro PDF417, QR / Micro QR, DataMatrix, Aztec, Chinese Sensible Code, Maxicode, GridMatrix, Code One, DotCode
Depth of Field EAN 13 (13mil)	0 mm - 180 mm
Depth of Field QR (15mil)	0 mm - 130 mm
Field of View Horizontal	65.6°
Field of View Vertical	44.6°
Illumination	White LED (5000K)
Image Sensor	1280 x 800 CMOS
Minimal Print Contrast	25%
Motion Tolerance	>2m/s
Postal	USPS Postnet, USPS Intelligent Mail, Royal Mail, USPS Planet, KIX, Australian Postal, Japanese Post
Resolution	≥4mil (1D)
Scan Angle Pitch	±55°
Scan Angle Roll	360°
Scan Angle Skew	±50°

#### Physical

Current @ 5VDC Operating	195.8mA (typical), 407mA (max.)
Current @ 5VDC Standby	120mA
Dimensions	114(W) × 46(H) × 94(D) mm
Input Voltage	5-12 VDC±5%
Interfaces	USB, RS-232
Notifications	Beep, LED
Weight	145g

#### Environmental

Humidity	5% to 95% (non-condensing)
IP Rating	IP52
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)

#### Software

Configuration Tools	EasySet
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#### Certifications

Certifications Hardware	CE EMC Class B
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#### Warranty

Warranty Standard	5 Years
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#### Accessories

Accessories Optional	USB-A - Dupont connector male, Multiplug adapter
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#### What's in the box?

## Accessories

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### Charging/Power

ADP100 Power Supply for HR, FR, and FM Series (ADP100)

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### Cables

CBL-0164U USB-A - Dupont connector male cable (CBL-0164U)

CBL-0173R DB9 female - Dupont connector cable (CBL-0173R)

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### Peripherals

EX232 Remora (NLS-EX232-01)

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#### Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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