



1D & 2D



CMOS



IP50



1.2M
drop



Dual
Interface



FR4060 Akame
Stationary Scanners

DISCO

Features

Quick to Switch Mode.

The Scan Mode Switch at the top of the scanner allows users to swiftly toggle between the Regular and Screen modes.

Superior Motion Tolerance.

Exceptional motion tolerance (2.5m/s) and large FOV (46°) enhance user experience.

Superb Reading Performance.

Armed with Newland's fifth-generation of UIMG technology, the FM4060 is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film.

1.2m Drop Resistance.

The scanner withstands multiple 1.2m drops to concrete (six sides, one drop per side)

IR Trigger.

The IR sensor in the scanner enables speedy capture of barcodes presented to it, markedly increasing throughput and productivity.

Application scenarios.

POS, customer service desk, ticket validators, O2O.

Suggested industries



Retail

FR4060 Akame Technical specifications

Performance

Image Sensor	CMOS 752*480
Processor	0390 Chip+MCU
Illumination	Red LED (625±10nm)
Aiming	Red LED (625±10nm)
Depth of Field EAN 13 (13mil)	5-180mm
Minimal Print Contrast	25%
Scan Angle Roll	360°
Scan Angle Pitch	±60°
Scan Angle Skew	±55°
Field of View Horizontal	45°
Field of View Vertical	28.5°
Motion Tolerance	2.5m/s

Data Capture

1D	All major 1D symbologies, including EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, Codabar, Code 128, Code 93, ITF-6, ITF-14, Interleaved 2 of 5, Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, GS1 Databar, Code 39, Code 11, MSI-Plessey, Plessey.
2D	All major 2D symbologies, including PDF417, QR Code, Data Matrix, Chinese Sensible Code.

Physical

Dimensions (mm)	83(W)x81(D)x148(H)mm
Weight	292g
Material	PC, ABS
Interfaces	RS-232, USB, PS/2 (Hardware version 2.1 required)
Notifications	Beep, LED indicator
Input Voltage	5VDC±5%
Current @ 5VDC Operating	150 mA
Current @ 5VDC Standby	120 mA
Power Supply Input	DC5V, 1.5A
Power Supply Output	AC100~240V, 50~60Hz

Environmental

Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±14 kV (air discharge), ±8 kV (direct discharge)
Drop	1.2m
IP Rating	IP50

Accessories

Standard	USB Cable
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Specifications are subject to change without notice

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FR4060 Akame Technical specifications

Optional	RS232 Cable, Adapter, PS/2 Cable
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Certifications

Hardware	FCC Part15 Class B, CE EMC Class B
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Warranty

Standard	5 years
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