



1d

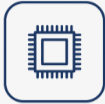


2d



CMOS

cmos



chip



IP50

ip50

1.2M
DROP

1.2m drop



usb



rs232

**FR4060 Akame**
stationary scanners

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.

Application Scenarios

mobile
payment

point of sale



ticketing

FR4060 Akame technical specifications

Performance	Processor	0390 Chip+MCU
	Image Sensor	CMOS 752*480
	Illumination	Red LED (625±10nm)
	Aiming	Red LED (625±10nm)
	Depth of Field EAN13 (13mil)	5-180mm
	Minimal Print Contrast	0.25
	Scan Angle Roll	360°
	Scan Angle Pitch	±60°
	Scan Angle Skew	±55°
	Field of View Horizontal	45°
	Field of View Vertical	28.5°
	Scan Modes	Sense Mode, Continuous Mode, Batch Mode
	Scan Rate	60 frames per second
	Motion Tolerance	2.5m/s
Data capture	1D	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, etc.
	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code
Physical	Dimensions (mm)	83×81×148mm
	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	150mA
	Current @ 5VDC Standby	120mA
	Power Supply Input	DC5V, 1.5A
	Power Supply Output	AC100~240V, 50~60Hz
Environmental	Operating Temperature	-20°C~50°C
	Storage Temperature	-40°C~70°C
	Humidity	5%~95% (non-condensing)
	Electro Static Discharge (ESD)	±14 kV (air discharge), ±8 kV (direct discharge)
	Drop	1.2m
	Sealing	IP50
Accessories	Optional	RS232 Cable, Adapter, PS/2 Cable
	Standard	USB Cable
Certifications	Certifications	FCC Part15 Class B, CE EMC Class B, KC