



FR4060 /FR40
Akame
fixed mount
barcode scanner

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.

IP50 rated sealing.

An IP50-rated seal renders the scanner impervious to dust, water and other contaminant.

Superb reading performance.

Armed with Newland's fifth-generation of UIMG technology, the FR4060 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.

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newland-id.com

Performance	Image Sensor		CMOS
	Pixels		752*480 CMOS
	Symbologies	2D	PDF417, QR Code, Data Matrix, Chinese Sensible Code, etc.
		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.
	Resolution		≥5mil
	Motion Tolerance		2.5m/s
	Scan Angle	Pitch	±60°@ 0°Roll and 0° Skew
		Roll	±360°@ 0°Pitch and 0° Skew
		Skew	±55°@ 0°Roll and 0° Pitch
	Symbol Contrast		≥25%
Interface		RS-232, USB	
Physical	Dimensions (L×W×H)		83×81×148mm
	Weight		292g
	Notification		Beep, LED indicator
	Current	Operating	150mA
		Standby	120mA
Environmental	Operating Temperature		-20°C~50°C
	Storage Temperature		-40°C~70°C
	Humidity		5%~95% (non-condensing)
	ESD		±14 kV (air discharge), ±8 kV (direct discharge)
	Drop		1.2m drops to concrete (for six sides, one drop per side)
	Sealing		IP50
Certifications			FCC Part15 Class B , CE EMC Class B
Accessories	Cable	USB	Used to connect the FR40 to a host device.
		RS-232	Equipped with a power connector; used to connect the FR40 to a host device.
	Power Adaptor		Used to provide power for the FR40. Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz

Specifications are subject to change without notice.

Version: V1.0