



**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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## fixed mount barcode scanner

newland-id.com

<b>Performance</b>	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	
	<b>Physical</b>	Dimensions (L×W×H)		83×81×148mm
		Weight		292g
Notification			Beep, LED indicator	
Current		Operating		150mA
		Standby		120mA
<b>Environmental</b>	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	
<b>Certifications</b>			FCC Part15 Class B , CE EMC Class B	
<b>Accessories</b>	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