



**FR4060  
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.

# FR4060 Akame

## fixed mount barcode scanner

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|                |                       |                                     |  |
|----------------|-----------------------|-------------------------------------|--|
| 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.<br>Output: DC5V, 1.5A; Input: AC100~240V, 50~60Hz  |

\*Specifications are subject to change without notice.\*

Version: V1.0

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