



## FR40 2D Desktop Fixed Mount Barcode Scanner

### INTRODUCE

FR40 Series desktop 2d code scanning platform can quickly read the 1D or 2Dbar code of screen and paper. The model supports RS-232 / USB and other PC interfaces, durable, with a good price. Very suitable for supermarkets, shopping malls and warehouses and other environments.

### FEATURES

#### 1. 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.

#### 2. Superior Motion Tolerance

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

### 3. IP50-rated Sealing

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

### 4. Superb Reading Performance

Armed with Rakinda's latest technology, the scanner is capable of reading 1D as well as high-volume 2D barcodes on the screen covered with protective film.

### 5. 1.2m Drop Resistance

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

### 6. IR Trigger

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

## APPLICATIONS

POS terminals, customer service desk, ticket validators.

FR40 Series desktop 2D code scanning platform can quickly read the 1D or 2D bar code of screen and paper.



## SPECIFICATIONS

<b>Performance</b>	Image Sensor	752*480 CMOS
	Symbologies	2D PDF417, QR Code, Data Matrix, Chinese Sensible Code
		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
	Typical Depth of Field	Code 39 40-200mm (20mil)
		EAN-13 5-180mm (13mil)
		QR Code 10-180mm (20mil)
	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/ Electric</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 scanner to a host device.
		RS-232 Equipped with a power connector; used to connect the scanner to a host device.
	Power Adapter	Used to provide power for the scanner.
		Output: DC5V,1.5A; Input: AC100~240V, 50~60Hz