



FM700B (NFC) 2D Barcode Scanner

QR Code+NFC

- ◆ Faster Scanning
- ◆ NFC, more than 20 type of cards
- ◆ 1D, 2D and QR Codes
- ◆ Compact Design

FM700B (NFC) Scanner

Dimension



Performance

Image Sensor	640*480 CMOS
Light Source	White LED
Scan Angle	Skew±70° Pitch±70° Roll 360°
FOV	Diagonal 87.1° Horizontal 74° Vertical 65°
Mini Resolution	≥5mil
Barcode Minimum Print Contrast	≥20%

Decode Capacity

1D	Codabar, Code 11, Code 128, Code 39, Code 93, EAN-8, EAN-13, GS1 DataBar, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Straight 2 of 5 IATA, MSI Plessey
2D	Aztec Code, HANXIN, Maxicode, Codablock F, Data Matrix Code (DPM), PDF417, Micro PDF417, QR Code, Micro QR Code, DOT Code, Grid Matrix Code

Typical Decode Range (Typical)

Code39 (5mil)	20mm~60mm Barcode Size: 25mm*10mm
EAN-13 (13mil)	10mm~100mm Barcode Size: 31mm*17mm
QR (15mil)	5mm~90mm Barcode Size: 8mm*8mm

RFID Range (Typical)

NFC	0mm-40mm
NFC protocol	ISO14443A/ ISO14443B/

Current (Typical)	300mA (5 VDC)
Current (Max)	400mA (5 VDC)
Standby Current	130mA (5 VDC)
Power Consumption(Typical)	1500mW
Dimension	61mm(W)×64.8mm(D)×26mm(H)
Color	Black
Net Weight	30g
Country Keyboard Layout	Multi-Countries Keyboard Layout
Indicator	LED, Beeper

Environmental

Operating Temperature	0℃ ~ 50℃
Storage Temperature	-20℃ ~ +70℃
Humidity	5% ~ 95% (Non-Condensing)
ESD	EN61000-4-2, ±15KV Air Discharge, ±8KV Contact Discharge
Ambient Light	0~100,000LUX
LED Safety	IEC 62471

Accessories (Optional)

USB Cable	Data Transmission, Power Supply
RS232+Power Adapter	Data Transmission, Power Supply
RS485 / Wiegand Cable	Data Transmission, Power Supply
EVK+12P FPC+Power Cable	Data Transmission, Power Supply



Noted:

* The data in this brochure is from YidaScan laboratory data, which is different from the actual use data. The technical specifications in the brochure are subject to change without notice.

* Test conditions: ambient temperature =23℃; Ambient illumination =300LUX incandescent lamp; The paper bar code uses the test sample code provided by YidaScan company.

* Official website: <https://www.yidascan.com/>

Physical

Interface	USB / RS232/485/ Wiegand/ TTL
Voltage	4.8 VDC-16 VDC