RTX200

NFC & 2d Barcode Scanner with Wi-Fi

RTX200-A External embedded version

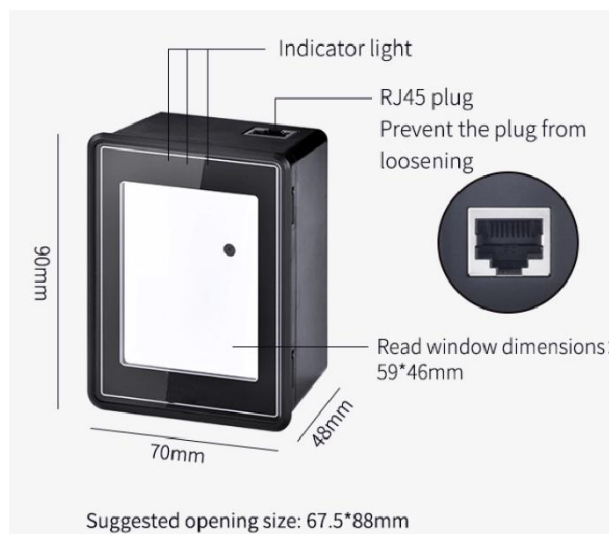RTX200-B internal embedded version

Presently, more and more access control system begins to mix bar code reading and NFC reading together, what's more, wireless data transfer become a trend for access control. The RTX220 serial aims to this kind of application and the trend, it's outstanding in:

● ¦ **Capable to read both bar code and NFC card**

The RTX200 can read 1d and 2d QR bar code, but optionally, it can also read the NFC card. This makes it as a two-in-one terminal.

● ¦ **Built-in Wi-Fi (optional)**

Except USB (USB-HID) interface and RS232 interface, the RTX200 also supports Wi-Fi communication.

Indicator light

RJ45 plug
Prevent the plug from loosening

90mm

70mm

48mm

Read window dimensions: 59*46mm

Suggested opening size: 67.5*88mm

- **¦ Buckle design for easy installation**

Use quick installation buckle on both sides, no screws required. Easy to be installed.

Performance	Image Sensor	640 * 480 CMOS	
	Reading distance	0-10cm	
	Reading speed	70ms per scan	
	Scanning window	59*46mm	
	Symbologies	2D	QR Code, Data Matrix, etc.
		1D	EAN-8,RSS_14,CODE_39,CODE_93, CODE_128, ITF, CODABAR, inverse code,image code,etc.
	Scan Mode	Sense mode: detect and read automatically	
	Scan Angle	Roll: 360°, Pitch: ±40°, Skew:±30°	
	Field of View	Horizontal 77°, Vertical60°	
	Resolution	≥7mil	
	Min. Symbol Contrast	25%	
Mechanical/ Electric	Interface	RS232, USB-HID, TTL-232, Wi-Fi	
	Dimensions	RTX200A: 90mm*70mm*48mm; RTX200B: 95mm*84mm*48mm	
	Weight	140g	
	Notification	Buzzer, white light	
	Operating Voltage	5V-15V wide voltage input	
	Current	0.15A (5V) or 0.05A (15v)	
NFC	13.56Mhz ID card	**Only supports reading the physical card number.** Mifare_UltraLight, Mifare_One(S50), Mifare_One(S70), Mifare_Pro(X), Mifare_Desire.	
Environmental	Operating Temperature	-20℃ to 70℃	
	Storage Temperature	-40℃ to 80℃	
	Humidity	0% to 95% (non-condensing)	
	OS	Windows(xp\7\8\10), linux, Android, Mac	

Application:
- Cinema self-service ticketing machine
- Car parking self-service payment machine
- Queuing machine
- hour unmanned shop
- Visitor turnstile
- Intelligent guidance machine in hospital
- Refuse machine