QR CODE READER
IC-NQR100-V2

*Reference image only

KEY FEATURES

IC-NQR100-V2 is a multi technology reader terminal, that supports NFC, 1D barcode such as ISBN-10, ISBN-13, EAN-13, EAN-8, Code39, GS1, UPC-A, UPC-E, Code128, Code93, etc. & 2D barcode such as PDF417, QR Code, Data Matrix, etc.

The reader seamlessly integrates with IDCUBE's Protean ezGATE Controller for various physical access control applications such as Visitor Management & Ticketing solution for stadiums, amusement parks, or gated events. The communication ports available for interfacing with a controller are USB & RS232/TTL.

The reader's ergonomic design facilitates easy installation on Turnstiles, flap barriers, and Kiosks.

1D barcode such as ISBN-10,ISBN-13,EAN-13, EAN-8, Code39, GS1, UPC-A, UPC-E, Code128, Code93, etc. & 2D barcode such as PDF417, QR Code, Data Matrix, etc.

Hands-free and automatic scanning operation

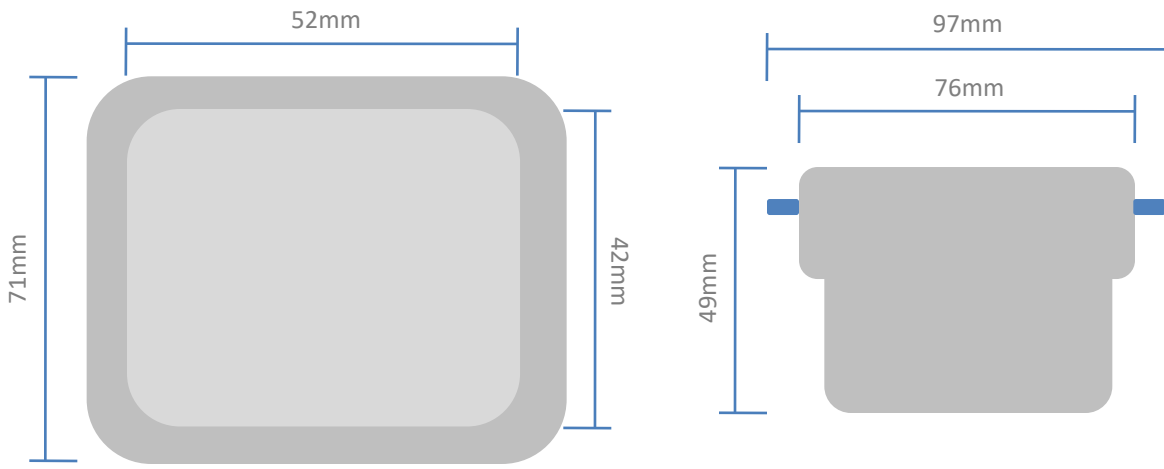Support USB & RS232 for quick authentication & acknowledgement

Easy installation on Kiosk, Flap Barrier, Turnstile etc

Embedded with high performance processing chip

Fast recognition, large motion tolerance, high reading efficiency

NFC Reader (Supports ISO14443 13.56 MHz Credentials)

Can read printed code from paper and mobile phone screen in any direction (360º read direction)

TECHNICAL SPECIFICATIONS

Characteristic	Parameter
Image Sensor & Ambient Light	300,000-pixel CMOS sensor; 0 ~ 100000 LUX
Optical Resolution	640*480 pixels
Reading direction	360° degrees
Reading rate	70ms per scan
Reading Speed	100ms each time (average), supports continuous reading
Decode Capability	1D: ISBN-10,ISBN-13,EAN-13, EAN-8, Code39, GS1, UPC-A, UPC-E, Code128, Code93, etc. 2D: PDF417, QR Code, Data Matrix
Depth of field	0mm-100mm
Input Voltage & Operating current	9V ~ 24V (150mA average @ 12V DC), (190 mA instantaneous maximum @12V DC)
Indication	Buzzer and LED
LED	White illumination, Red/ Green/ Blue indicator
NFC Reading	Mifare UltraLight, Mifare One(S50), Mifare One(S70), Mifare Pro(X), Mifare DESFire
NFC Operating Frequency	13.56 MHz
NFC Reading Distance	< 50 mm
Operating Temperature	-20°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Light Levels	0 to 100,000 lux
Dimensions (LxWxH)	76mm(97mm with hinge) × 71mm × 49mm
Scanning window	52 x 42 mm
Host System Interfaces	USB virtual COM, USB-HID, RS232, TTL
Certifications	CE

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