

Readers Series

Barcode reader

Industrial Components



Elevation

2D barcode scanner + QR reader + RFID reader. High scanning performance and remote configurability in an easy-to-mount housing.

The smart way to add 2D and QR image reading features to your product design.

Reads barcodes directly on mobile phone screens - perfect for customer-facing applications.

Compatible with EM and MIFARE RFID card reading.



Inside

TECHNICAL SPECIFICATIONS

**Direct Importer:** Grupo EOS Ibérica SA

**Dimensions (LxWxH):** 86mm\*86mm\*18mm

**Weight:** 150g.

**Usage temperature range:** -20°~70°C

**Storage temp. range:** -40°~85°C

**Humidity:** 5% to 95% relative humidity without condensation.

**Protection:** IP53.

**Brightness Levels:** 0 to 10,000 lux.

**Input Voltage:** 8-12 VDC ± 0.25 V.

**Power Consumption:** 2.3 W (450 mA @ 5 V).

**Standby Consumption:** 0.45 W (90 mA @ 5 V).

**Connection Interface:** USB(COM), RS232 ,RS485, Wiegand.

OTHER TECHNICAL DATA

**Resolución de píxeles:** 640\*480

**Compatibilidad:** Código de barras 1D/2D en papel y pantalla

**Soporta RFID:** tarjeta EM o Mifare

**Alimentación:** 8-12V DC

**Interfaz:** Soporta wiegand/USB/RS232/RS485

**Montaje:** Método de instalación en pared

**Bar code reading performance:**

**Image Sensor:** CMOS **Resolution:** 300 thousand 640\*480 pixels

**Decoding capacity:** Support paper and screen barcodes:

2D: QR, PDF417,Data Matrix code etc. / 1D:UPC-A, UPC-E, EAN-8, EAN-13, Code128, Code39, Code93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, China post etc.

**Barcode Density:** 8mil. **Light Source** 624nm visible red LED **Scan Angle:** Rotation 360°, tilt±45°, skew±45° **Min Contrast:** 30% **Scanning Speed:** 200 times/s **Typical DOF** 40-180mm (10mil code128) 45-200mm (20mil QR). Performance may be affected by barcode quality and environmental conditions.

**Card reading performance:**

**RFID Frequency:** 13.56MHz or 125KHz **Card type:** EM card or Mifare card **Data format:** Default 8 bit Hex (custom format, such as 10 bit 10 system,10 bit Hex) **Read distance** 30-60mm(depends on card type) **Read speed** 106K/Bit **Read speed** 0.1S Interval 0.5S **Read time** ≤100ms.

I/O PORTS



Front



Rear

BEZEL OPTIONS

No bezel options

APLICACIONES MÁS HABITUALES

- > Logística.
- > Juegos.
- > Parking.
- > Retail.
- > Transporte.
- > Vending.

PRODUCT VALUES

- > Easy to install on a bracket.
- > Available with multiple interfaces.
- > Supports reading in presentation mode.
- > High performance scanning.
- > Secure LED pointer.

ALGUNOS CASOS DE ÉXITO

- > Integración terminal de pagos autopistas.
- > Kioscos desatendidos.

REFERENCIAS ALTERNATIVAS

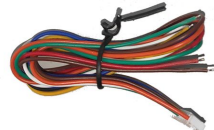
- > Lector VU-QR
- > Lector CRT-288-K.

CERTIFICATIONS



CONNECTIONS

USB cable (included)



Wiegand/RS232/RS485 cable (included)

DIMENSIONS



18 mm



86 mm

86 mm