

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): 86mmx86mmx18mm

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 $\pm 45^\circ$, skew $\pm 45^\circ$ **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 (Both frequencies can be read by the reader automatically, without any prior configuration). **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** ≤ 100 ms.

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

