

Readers Series

Barcode reader

Industrial Components



Elevation

2D barcode reader + QR reader + RFID reader. High scanning performance and great reading capacity on high frequency 13.56 MHz cards. The smartest way to add 2D and QR image reading capabilities to your product design.

Decoding in low and high luminosity environment.



TECHNICAL SPECIFICATIONS

OTHER TECHNICAL DATA

I/O PORTS

**Direct Importer:** Grupo EOS Ibérica SA  
**Dimensions (LxWxH):** 53.5\*36\*16mm  
**Weight:** 15g(without cable)  
**Indication:** Buzzer, LED. **Usage temperature range:** -20~60°C  
**Storage temperature:** -40~70°C **Humidity:** 5% to 95% relative humidity without condensation.  
**Brightness Levels:** White LED(6500K)  
**Input Voltage:** DC +3.3V ~ +5V (±5%)  
**Consumption:** 140 mA (operating) @5VDC  
**Standby consumption:** 1 mA  
**Connection interface:** TTL 232 (optional) , USB (HID)  
**Drop Test:** 1.8 M ( 6ft)

**Pixel resolution:** 640\*480 pixels 30fps  
**Support:** Paper and screen barcodes  
 2D: QR,PDF417 , DATAMATRIX ,etc.  
**Power:** 5V DC power  
**Interface:** Support 13.56MHz NFC RFID  
  
**Rendimiento de lectura de código de barras:**  
**Image Sensor:** CMOS **Exposure:** Roller Shutter **Resolution:** 300 thousand 640\*480 pixels  
**Decoding capacity:** 1D: EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 25, Matrix 2 of 5, Code 11, MSI Plessey, RSS-14, RSS-Limited, RSS-Expanded etc. all normal 1D.  
**Barcode Density:** 4mil. **Light Source** White LED(6500K) **Scan Angle:** Rotation 360°,tilt±60°,skew±60°  
**Min Contrast:** 25% **IR Sensing:** Support **Typical DOF** Code 128 (6 mil) 40-65mm ;QR code(20mil)12-220mm  
 Performance may be impacted by barcode quality and environmental conditions



BEZEL OPTIONS

No bezel options

MOST COMMON APPLICATIONS

- > Self-service machine
- > Turnstile
- > Access control
- > Payment system
- > Logistic carbonate
- > Vending.

PRODUCT VALUES

- > Compatible with barcode and NFC technologies.
- > Very small size.
- > Configurable module.
- > Compatible with barcodes and cards.
- > Can be integrated in tablets with facial device.
- > Quick installation.

SOME SUCCESS STORIES

- > Integration of motorway payment terminals
- > Unattended kiosks > Unattended kiosks.

ALTERNATIVE REFERENCES

- > VU-QR Reader
- > eLT-HY-1880S Reader

CERTIFICATIONS



CONNECTIONS



DIMENSIONS

53.5 mm



36 mm