

Readers Series

Barcode reader

Industrial Components



Elevation

2D barcode reader + QR reader. High scanning performance and remote configuration capability. The smart way to add 2D and QR image reading features to your product design. Quick and easy installation. Reads barcodes even in high or low light environments.



Lateral

TECHNICAL SPECIFICATIONS

**Direct Importer:** Grupo EOS Ibérica SA  
**Dimensions (LxWxH):** 65mm×61mm×29mm  
**Weight:** 35g ( without cable).  
**Indication:** Buzzer, LED.  
**Use temperature range:** -30°~65°C.  
**Storage temp. range:** -40°~70°C  
**Humidity:** 5% to 95% relative humidity without condensation.  
**Brightness Levels:** 0 to 100,000 lux  
**Input Voltage:** DC 5V  
**Consumption:** (90 mA @ 5 V).  
**Standby Consumption:** 1 mA  
**Connection Interface:** USB(HID,COM), RS232(DB9), TTL232  
**Drop Test:** 1.8 M ( 6ft)

Other technical data

**Pixel resolution:** 640\*480  
**Support:** 1D/2D barcode on paper and screen  
**Power:** 5V DC power  
**Interface:** Support /USB/RS232/TTL232  
  
**Barcode reading performance:**  
**Image Sensor:** CMOS **Exposure:** Roller Shutter **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:** 4mil. **Light Source** 630nm visible **LED Scan Angle:** Rotation 360°, tilt±57°, skew±57°  
**Min Contrast:** 25% **IR Sensing:** Support **Typical DOF** 15-100mm (5mil code39), 15-150mm ( 10mil code 39), 15-110mm ( 5 mil UPCA), 15-120mm ( 10 mil UPCA) 25-150mm (15 mil QR), 15-150mm (8 mil QR), 12-110mm( 5 mil PDF417), 11-130mm ( 8 mil Data matrix). Performance may be affected by bar code quality and environmental conditions.

I/O PORTS



Front



Rear

BEZEL OPTIONS

No bezel options

MOST COMMON APPLICATIONS

- > Logistics.
- > Gaming.
- > Parking.
- > Retail.
- > Transport.
- > Vending.

PRODUCT VALUES

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

SOME SUCCESS STORIES

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

ALTERNATIVE REFERENCES

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

CERTIFICATIONS



CONNECTIONS

USB cable (included)



RS232 cable (included)

DIMENSIONS

