

Decoder 2D

Omnidirectional, fixed position scanner for
threading of linear, PDF417 and 2D Matrix barcodes

Powered by
Adaptus™ 2D
Imaging
Technology



Decoder is a 2D optical module integrated in a case having extra compact sizes for omni-directional reading of linear and two-dimensional codes.

The decoder 2D has got sophisticated features that allow it to be used in a wide range of applications, such as functions of recognition and collection of images, signatures, OCR (Optical Character Recognition).

The device is powered by the advance technology Adaptus™ 2D Imaging Technology and has no moving parts that can be broken or misaligned. In addition to its small dimensions it allows a simple and fast mounting and integration.

The 2D decoder makes use of LED lighting (illumination source safe), which avoids the need to affix a security label externally of the client device.

TECHNICAL SPECIFICATIONS

Symbologies:

Linear: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post; **2D Stacked:** PDF417, MicroPDF417, GS1 Composite; **2D Matrix:** Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code; **Postal:** Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code; **OCR Option:** OCR-A, OCR-B, E13B (MICR)

Illumination: 617 nm visible red LED

Aiming: 528 nm visible green LED

Sensor: Proprietary CMOS sensor with global shutter and 844 × 640 pixel resolution; 60 frames per second

Temperature: Operating: -25°C to 50°C (-13°F to 122°F); Storage: -40°C to 85°C (-40°F to 185°F)

Humidity: 0 to 95% relative humidity, non-condensing, at 50°C (122°F)

RoHS e WEEE compliant

Interface: RS-232 up to 115.2K baud / USB (Keyboard o COMMPort)

I/O: 5VDC Trigger Input

Input voltage: 5VDC Input

Typical Current Draw: 276 mA (manual trigger); 142 mA (presentation); 90 µA (sleep)

Dimensions: 44mmx48mmx25mm; threaded insert: 14mm; threaded insert distance to window: 25 mm

Warranty: 1 year