2DScan FX100 ™

Fixed-Mount 2D Barcode Imager

Global 1D and 2D Symbology Reading

Today's market demands high-performance barcode reading with speed, accuracy and data integrity. The IDTECH 2DScan FX100 is a well-designed fixed-mount scanner for 1D and 2D barcode scanning. It is flexible, compact, enables plug-and-play integration, and ensures reliable performance. It is perfect for a wide range of applications including: retail POS, kiosk terminals, vending machines, and industrial equipment. With the increasing popularity of 2D barcodes, the 2DScan FX100 ensures readability of many global symbologies.

Superior Reading Performance

Similar to ID TECH's hand-held 2DScan, the FX100 uses a high-performance CMOS scan engine to provide omni-directional reading of barcodes regardless of orientation. It can be used to scan barcodes off of LCD displays such as cell phones and monitors, as well as surfaces in bright sunlight. The small form factor enables easy integration into various configurations and devices to capture, store, and retrieve barcode data.

Flexible Compatibility

With the interchangeable RS232 and USB Keyboard cables, the 2DScan FX100 provides excellent flexibility and ease of use. The 2DScan FX100 is a plug-and-play device that allows for operation right out of the box.

Features and Benefits:

- Ultra-small body design
- Supports 1D, 2D, and composite codes
- Omni-directional reading
- Auto and continuous reading modes
- High scan rate of 60 frames per second
- Readable under sunlight and on digital displays
- Can easily be mounted on kiosks, POS terminals, and other devices

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Electrical

Power Requirements:	5 VDC +/-5%
Interfaces:	RS232, USB Keyboard
Light Source:	617.5mm~633.5mm visible red LED
Sensor:	CMOS

Environmental

Operating Temperature:	-5°C to 45°C (23°F to 113°F)
Storage Temperature:	-40°C to 60°C (-40°F to 140°F)
Humidity:	5% - 95% relative humidity
Drop Test:	4.92 feet (1.5m)

Mechanical

Dimensions(L)x(W)x(H):	2.36 inches (60mm) x 1.97 inches (50mm) x 1.02 inches (26mm)
Weight:	2.47 oz. (70g)
Indicators:	LED, beep tone
Color:	Black
Illumination:	200 lux
Scan Rate:	60 frames per second
Range:	1.38 inches - 8.27 inches (35mm - 210mm)
2D Symbologies:	PDF417, QR Code (Model 1/2), DataMatrix (ECC200, ECC000, 050, 080, 100, 140), Aztec, Maxicode, etc.
1D Symbologies:	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code93 and etc.
Approvals:	FCC Part 15 Class B, CE EMC Class B

Test Codes

Code39

123456

QR Code

PDF417

UPC-A

0 09876 54321 5

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