2DScan ™

Handheld 2D Barcode Imager

Global 1D and 2D Symbology Reading

The ID TECH 2DScan is a well-designed handheld scanner for 1D and 2D barcode scanning for retail, logistics, and office automation. With the increasing popularity of 2D barcodes, the 2DScan ensures readability of most global symbologies.

Superior Reading Performance

With the high-performance CMOS scan engine, the 2DScan can be used to scan barcodes off of LCD displays such as cell phones and monitors, as well as surfaces in bright sunlight. The imaging technology also allows the 2DScan to capture the barcode omni-directionally regardless of its orientation, which improves productivity and efficiency in a wide range of applications.

Flexible compatibility

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

Features and Benefits:

- Low power consumption
- Supports 1D, 2D, and composite codes
- Will read codes on mobile phone LCD screens
- Omni-directional reading
- Auto-sensing mode

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Electrical

Power Requirements:	5.0 VDC $\pm$ 5%
Interfaces:	PS/2, RS232, USB Keyboard
Light Source:	630 nm visisble 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 (1.5 m)

Mechanical

Dimensions:	6.46 inches (164 mm) x 4.96 inches (126 mm) x 2.87 inches (73 mm)
Weight:	8.82 oz.
Indicator:	LED, beep tone
Color:	Black with gray detail
Field Width:	5.12 inches (130 mm) for 10 mil code 39 at 200 mm from the lens plate
Resolution:	752 x 480
PCS:	25% or more
Scan Rate:	60 frames per second
Range:	1.77 inches (45 mm) to 17.72 inches (450 mm)
2D Symbologies:	PDF417, QR Code (Model 1/2), DataMatrix (ECC200, ECC000, 050, 080, 100, 140), Aztec, Chinese-Sensible Code, Maxicode, LP Code, etc
1D Symbologies:	Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, China post 25, Interleaved 2 of 5, ISBN/ISSN, Code 93, etc
Approvals:	FCC Part15 Class B, CE EMC Class B

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Corporate Headquarters:
10721 Walker Street, Cypress, California 90630
www.idtechproducts.com
(714) 761-6368 sales@idtechproducts.com

International Sales Office
Canada & South America:
+450 465 5261 (Canada) robertop@idtechproducts.com

European Sales Offices:
+49(0) 8851 6159900 (Germany)
emea@idtechproducts.com

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