



ALL-IN-ONE

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MOBILITY



MODULAR



PANELS PC



PRINTERS



DISPLAYS



ACCESSORIES

QS 2D

2D barcodes hand scanner



Outstanding omnidirectional reading performance of all 1D and 2D barcodes

The **QS 2D** hand scanner - for 1D and 2D barcodes - offers optimized omnidirectional reading and data capturing performance, thanks to the Datalogic Imager technology.

It reads all typical linear barcodes as well as complex 2D codes displayed on the screen of a smartphone or a mobile device, and also those on loyalty cards and other promotional supports.

The **QS 2D** features a new illumination and aiming system developed with the unique intent to reduce visual stress of the operator during the scanning activity (soft, dark red illumination combined with two blue LED triangles pointing at the targeted barcode).

The result is a precise aiming system which contributes to low eye fatigue but top operator efficiency.



QS 2D

- Omnidirectional reading
- Advanced Datalogic decoding technology
- Reduced visual stress with LED-based aiming system
- IP 42 compliant (water and dust resistant)
- Drop resistance to 1.5m / 5.0 ft
- Elegant black or white design

MODEL QS 2D

Decoding capability	
1D / Linear code	Autodiscriminates all standard 1 D codes including GS1 DataBar™ linear codes.
2D Codes	Aztec Code; Aztec Mesas; Data Matrix; MaxiCode; QR Code, Micro QR Code; China Han Xin Code
Postal codes	
Stacked codes	

ENVIRONMENTAL

Ambient light	Up to 86,000 lux
Drop resistance	Withstands repeated drops from 1.5 m / 5.0 ft onto a concrete surface.
Esd protection (air discharge)	16 kV
Humidity (non condensing)	0 - 95%
Particulate water sealing	IP42
Temperature	Operating: 0 to 50 °C / 32 to 122 °F

INTERFACES

Interface	Keyboard Wedge / RS-232 / USB
Physical characteristics	
Color available	Black, White
Dimension	16.3 x 9.1 x 4.1 cm / 6.4 x 3.6 x 1.6 in
Weight	145.0 g / 5.11 oz

READING PERFORMANCE

Imager sensor	Wide VGA: 752 x 480 pixels
Light source	Aiming: 2 Blue LED's; Illumination: Red LED 610 - 650 nm
Motion tolerance	25 IPS
Print contrast ration (minimum)	25%
Reading angle	Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 60°
Reading indicator	Beeper (Adjustable Tone and Volume); Datalogic 'Green Spot' Good Read Feedback; Good Read LED
Resolution (maximum)	0.102 mm / 4 mils (Linear Codes)

READING RANGES

Typical depth of field	The minimum distance is determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. Code 39: 5 mils: 0.5 to 15.0 cm / 0.2 to 5.9 in EAN/UPCA: 13 mils: 0.5 to 35.0 cm / 0.2 to 13.8 in PDF417: 6.6 mils: 1.0 to 13.0 cm / 0.4 to 5.1 in Data Matrix: 10 mils: 1.0 to 13.0 cm / 0.4 to 5.1 in
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