



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 outstanding reading performance

- 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 CODES 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 AND WATER SEALING IP42

TEMPERATURE Operating: 0 to 50 °C / 32 to 122 °F

### INTERFACES

INTERFACES Keyboard Wedge / RS-232 / USB

### PHYSICAL CHARACTERISTICS

COLORS AVAILABLE Black, White

DIMENSIONS 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 RATIO (MINIMUM) 25%

READING ANGLE Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 60°

READING INDICATORS 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