

Barcode Scanner

IG610

General

Handheld gun-type area imager bar code scanner.

Designed especially for retail, logistic and warehousing management market.

Supports 1D and 2D barcode scanning with up to 500mm reading depth.

Scan rate is up to 120 scans per second in linear emulation or 60 images per second in 2D mode.

Supports 1.5m dropping resistance.

Support automatic detection and wake up scanner to read.

3 in 1 Combo Interface that easily changes interface by replacing cable.

A stand option can be ordered to facilitate hand-free reading options.



Specifications

Performance

Light Source 625±5nm Red LED

Depth of Field 500mm@20mil/0.5mm, PCS90%

Field of View Horizontal - 40°, Vertical - 25°

Scan Rate 120 scans/second in 1D mode ,

60 images/second in 2D mode

Resolution 752 (H) x 480 (V) pixels

Print contrast ratio 25%

Indicator Beep and LED (wired Good read Green, 3 colors indication)

Interface RS-232 / USB (HID KBW or Virtual comport)

Physical

Color available Black (Cap and Grip)/ Deep Grey(Cap)and Beige(Grip)

Dimensions (WxHxL) 71.13 x 62.61 x 169.27mm(Scanner)

Weight scanner 120g(w/o cable)

Electronic

Input Voltage DC +5V ± 5%

Operating current Scanner 300mA(USB), 330mA(RS-232)

Standby current Scanner 280mA

Environmental

Ambient light Up to 100,000 Lux

Ambient light	Up to 100,000 Lux
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)
Storage temperature	-20 °C to 60°C (-4 °F to 144°F)
Drop resistance	59.05 inches(150cm)
Sealing protection	Designed to IP42 dust and water resistance
MTBF(Calculated)	50,000 hours
Symbologies	Automatically discriminates major standard 1D and 2D bar codes, include GS1 databar - Omnidirectional, Expanded and Limited codes.

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