

## 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
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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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