



IG620/BT

Area Imager Barcode Scanner

Specifications

Physical Characteristics

IG620

Body weight	Approx. 120g / 4.23oz
Material	ABS Plastic and Rubber
Cable Length	5FT. (150cm)
Connector	RJ 45C 10Pins
Dimension	71.13mm(W) x 62.61mm(H) x 169.27mm(L)

IG620BT

Scanner weight	Approx. 182g (with Battery) / 6.42oz
Dimension	71.13 mm(W) X 62.61 mm(H) X 169.27 mm(L)
Cradle weight	Approx. 147g / 5.18oz
Dimension	112.18mm(W) x 84.64mm(H) x 130.6 mm(L)

Performance

Light Source	Visible red light 625 ± 5nm LED
Scan Rate	60 images per second in 2D mode
Resolution	1D: 4mil/0.1mm 2D: 10mil/0.26mm
Depth of Field	Up to 300mm@20mil/0.5mm, PCS90%
View of field	40° Horizontal, 25° Vertical
Indicators	Beeper and LED (Green = good read)
Scan Angle	Pitch : ±60° (front to back) Skew: ± 60° Rotation : ±180°
Ambient Light	100,000 Lux Max.
Interface	RS-232, USB (HID KBW or Virtual comport)

Environmental

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20% to 95% (Non-condensing)
Sealing	Designed to IP42 water and dust protection

Electrical Characteristics

IG620

Voltage	DC5V
Operation Consumption	360mA

IG620BT Scanner

Voltage Battery	Li-Ion 3.7V/2,600 mAh
Charge Time	Approx.5 hours
Reads per Charge	20,000 Times
Operation Consumption	445mA

IG620BT Cradle

Voltage	DC5V
Operation Consumption	70mA

Radio Characteristics

Bluetooth Module	Bluetooth V2.1 EDR
Frequency Band	2.402GHz ~ 2.480GHz
Transmission Range	Up to 80M(262.47FT.) line of sight
RF Output Power	Class 1 (under 20dBm)

Reliability

MTBF(Calculated) IG620	50,000 hours minimum
IG620BT	40,000 hours minimum.
Cable Bending Test	30 times/min @ 500g/90°
Drop	5ft.(150cm) drop on Concrete Surface

1D Symbolologies

UPC-A,UPC-E,EAN-8/JAN-8,EAN-13/JAN-13,Code 39,Code 128, Interleaved 25,Industrial 25,Matrix 25,Codabar/NW7, Code 93,China Post,MSI/Plessey,Telepen,GS1 Databar Omni-directional, GS1 Databar Limited, GS1 Databar Expanded

2D Symbolologies

Data Matrix,PDF 417,QR Code

Option :

Aztec,Maxi Code,Micro PDF 417,Micro QR Code,Han Xin Code,GM Code