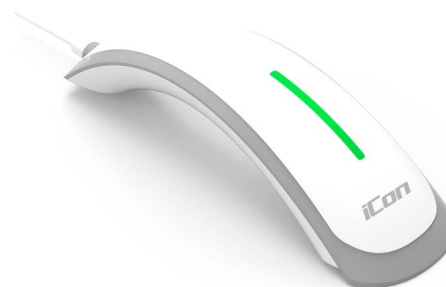


IC-1950

2D Barcode Image Scanner



Technical Specifications

Electrical Characteristics

Interface Supported	RS-232/USB HID KEYBOARD/USB VCP
Input Voltage	DC 5V $\pm$ 10%
Current	Max:500mA

Optical Characteristics

Image Sensor	CMOS Array Sensor
Sensor Resolution	640X480 Pixels
Light Source	White LED
Aim Light Source	Red LED

Performance Characteristics

Scanning Angle	Pitch angle: $\pm$ 50°;Skew angle: $\pm$ 50°;Tilt angle: $\pm$ 180°
Field of View	45°(H),34°(V)
Min Resolution	1D : 0.076mm/3mil (PCS 0.9) 2D : 0.203mm/8mil (PCS 0.9)
Min .PCS value	> 30% UPC/EAN 13 (13mil)
Language	Multiple Languages
Data Edition	Support for custom data output
Decode Capability	1D: Code128 , UCC/EAN-128,AIM128,EAN-8,EAN-13,ISBN/ISSN,UPC-E,UPC-A,Interleaved 2 of 5,ITF-6,ITF-4,Matrix 2 of 5,Industrial 2 of 5,Standard 2 of 5,Code39,Codabar,Code93,Code11,Plessey,MSI-Plessey,RSS-14,RSS-Limited,RSS-Expand 2D: QR ,PDF417 ,Data Matrix

Physical Characteristics			
Dimensions	55.3mm*47.7mm*187mm(L*W*H)		
Weight	120g		
Indicator	Beeper, LED		
Environmental Characteristics			
Temperature	0°〜50°C / 32°〜122°F(operation) /-10°〜60°C /14°〜140°F(storage)		
Humidity	20 - 85% (operation)) 20 - 90% (storage)		
Shock Drop Test	1.5m drop onto concrete surface		
Decoding Depth of Field			
Symbology	Resolution	Nearest	Farthest
EAN 13	13mil	5.5cm	30cm
QR Code	15mil	3.5cm	19cm

