

SG-1680



WHITE & BLACK



32 bit CPU - 200 scan/sec
High Performance

20mm & 86g
Slim & Light Weight

2 mil
High Resolution

3 inch
Middle Range

SG-1680 CCD Barcode Scanner

Models:

SG-1680K - Keyboard Interface (IBM PC/AT & compatible)
SG-1680R - RS-232 Standard
SG-1680U - HID USB Interface

Environmental Specifications

Operating Temperature: 32°F to 122°F (0°C to 50°C)

Storage Temperature: -4°F to 104°F (-20°C to 60°C)

Relative Humidity: 0% to 90% (non-condensing)

Shock: Withstands multiple 6ft (180cm) drops
onto concrete; Over 20 drops to a counter top

Dimensions/Weight

Dimensions: 5.9 in L x 3 in W x 2.3 in H

Dimensions: 150 mm L x 75mm W x 58mm H

Weight: 86g +/- 5g non-cable

Electrical Specifications

Operating Voltage: 5V DC +/- 5%

Operating Current (Typical): <100mA

Idling Current (Typical): <40mA

Symbologies Decoded

UPC-A/UPC-E, EAN-8/EAN-13/EAN-128, JAN-8/JAN-13, Codabar
Code-39(Full ASCII), Italy Pharmacode, Code-93(Full ASCII),
Code-128, Interleave 25, Industrial 25, Mateix 25, RSS14,
RSS14 Stacked, RSS Limited, RSS Expanded, Rss Expanded Stacked

Optical Specifications

Decode: 32 Bit

Light Source: Red LED 635nm

Scan Angle: Front & Rear 15° , Left & Right 75°(10 mil EAN-13)

Scan Speed: 200 Scan/Sec

Ambient Light Immunity:

Artificial Light: Artificial: 20,000LUX

Sunlight: 20,000LUX:

Print Contrast Ratio (minimum): 30%

Resolution (minimum): 2mils (0.05mm) Code-39
3mils (0.75mm) EAN-13

Depth of Field (PCS:90%)

