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CS5500

2D Hands-free Area Imaging Scanner

- ◆ **Faster Scanning.**
- ◆ **Comfortable Illumination.**
- ◆ **IR Trigger.**
- ◆ **Reliable Quality.**
- ◆ **1D, 2D, and PDF417 scanning.**

CS5500 2D Barcode Scanner

Appearance



Performance

Image Sensor	CMOS 640*480
Light Source	Red LED + Infrared LED
Scan Angle	Skew±60° Pitch±60° Roll 360°
FOV	D=56° H =42° V =33°
Resolution	≥3.9mil
Minimum Print Contrast	≥20%

Decode Capacity

1D	Codabar, Code 11, Code 128, Code 39, Code 93, EAN-8, EAN-13, GS1 DataBar, UPC-A, UPC-E, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Straight 2 of 5 IATA, MSI Plessey
2D	Aztec Code, HANXIN, Maxicode, Codablock F, Data Matrix Code (DPM), PDF417, Micro PDF417, QR Code, Micro QR Code, DOT Code, Grid Matrix Code

Typical Decode Range

Code39 (5mil)	0mm ~60mm Barcode Size: 25mm*10mm
EAN-13 (13mil)	0mm ~230mm Barcode Size: 31mm*17mm
QR (15mil)	0mm ~160mm Barcode Size: 8mm*8mm

Physical

Interface	USB / RS232
Voltage	5 VDC± 5%
Current (Typical)	270mA (5 VDC)
Current (Max)	320mA (5 VDC)
Standby Current	170mA (5 VDC)
Power Consumption(Typical)	1350mW
Dimension	88(W)×86(D)×139(H) mm
Color	Black / White
Net Weight (approx)	260g
Country Keyboard Layout	Multiple Country Keyboard Layout
Indicator	LED, Beeper

Environment

Operating Temperature	0 °C ~ 50°C
Storage Temperature	-20°C ~ +70°C
Humidity	5% ~ 95% (Non-Condensing)
Drop	withstands multiple 1.2m drops to concrete.
IP rating	IP50
ESD	EN61000-4-2, ±15KV Air Discharge, ± 8KV contact Discharge
Ambient Light	0 ~100,000LUX
LED Safety	IEC 62471

Accessories

USB Cable	Data Transfer& Power Supply
RS232+USB (DC)	Data Transfer& Power Supply

Remark.

* The data in this leaflet is derived from our laboratory data and may differ from actual usage data. Technical specifications in the leaflet are subject to change without notice.

* Test conditions: ambient temperature = 23° C; ambient illumination = 300 LUX incandescent lamp; paper code using the test sample code developed by our company.

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