

CS200

Lightweight Laser Barcode Scanner



CS200 Technical Specifications

Mechanical

Dimensions Height × Width × Depth: 76mm × 66.5mm × 168mm

Weight 121g, without cable

Cable Straight 2.0m

Connector type RJ-45 phone jack connector

Case material ABS

Exit window material PC

Indicator Beeper, LED

Interface supported RS-232, USB Keyboard, USB virtual COM

Electrical

Input voltage 5 VDC ± 0.25V

Power 525 mW (Operating); 850 mW (Max.)

Current 30mA (Standby); 105 mA (Operating); 170 mA (Max.)

Scan Performance

Laser 630-650nm laser diode

Decoding rate 200 times/sec

Scanning angle ±60°, ±65°, ±42° (Skew, Pitch, Roll)

Print contrast 25% minimum reflection difference

Decode capability

UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, GS1 DataBar (formerly RSS) variants

Decoding depth & Min. element width

(1 mil = 0.0254mm)
Long-Range series
3 mil: 27 - 65mm
4 mil: 27 - 60mm
5 mil: 18 - 132mm
10 mil: 10 - 320mm
13 mil: 16 - 380mm
15 mil: 13 - 500mm
20 mil: 19 - 620mm
30 mil: 25 - 770mm

Environmental

Temperature 0° to 50°C (32° to 122°F), Operating; -40° to 60°C (-40° to 140°F), Storage

Humidity 5% to 95% (non-condensing)

Safety

Laser safety: EN60825-1, Class 1
EMC: EN55022, EN55024
Electrical safety: EN60950-1
Drop resistance: 30+ times 2.0m (6.5 ft) drops to concrete
Protection class: IP50