

Scanner CCD Barcode



EC-CD-8100

Features

- Auto discriminate barcodes.
- Flexible custom configuration.
- Streamlined modern design.
- Powerful built-in decoder.
- Reads dense barcodes.
- Light weight for minimum fatigue.
- Low power consumption.
- PS/2 interface.

Specifications

Light source	660 nm red LED
Optical system	2048 pixel CCD (charge-coupled device)
Depth of scan field	0-60 mm
Scanning width	60 mm
Scan speed	50 scans/sec
Resolution	0.125mm(5mils) - Code 39, PC45, 1D, 2D
Print contrast	≥30%
Scanning angle	Front: 60° Rear: 60° Yaw: 75°
Decode capability	Auto-discriminates all standard barcodes; other symbologies can be ordered optionally
Beeper operation	7 tones or no beep
Indicator	Green led
Length	182mm
Width-handle	26mm
Width-head	60mm
Depth-handle	51mm
Depth-head	35mm
Weight	150 g (cable not included)
Cable - A/B wedge	Straight 2.0 m
Cable - universal type	Straight 2.3m
Connector type	RJ-45 phone jack connector
Case material	ABS plastic
Cushion material	Rubber
Input voltage	5 VDC ± 0.25V
Power - operating	275 mW
Power - standby	220 mW
Current - operating	55 mA @ 5 VDC
Current - standby	44 mA @ 5 VDC
Current - sleep mode	15 mA @ 5 VDC
DC transformers	Class 2, 5VDC @ 450 mA
EMC	FCC Class A
Operating temperature	0° to 40° (32° to 104°)
Storage	-40° to 65° (-40° to 149°)
Humidity	5% to 80% relative humidity, non-condensing
Light level	Up to 20000 Lux
Shock	1.5m drop onto concrete
Contaminants	Seals to resist airborne particulate contaminants
Ventilation	None required
Programming method	Manual (reading special barcode) DCS command through RS-232, Windows configuration program
Program upgrade	Enabled by built-in flash memory