



AS-8250 LONG RANGE SCANNER

The AS-8250 long range scanner is suitable for a wide range of applications, from retail checkout and inventory management, to invoicing in offices and shipping/receiving control in factories. This long range model delivers fast and accurate reading of PDF codes, Code 16K as well as all standard linear symbologies. The AS-8250 provides users with many benefits, including a 200mm scanning range, small size, and cost effectiveness. The scanner offers an all-in-one universal host interface, and a Windows utility is included.

Specifications

Operational	
> Light source	660 nm visible red LED
> Optical system	2048 pixel CCD (charge-coupled device)
> Depth of scan field	0-200 mm
> Scanning width	120 mm
> Scan speed	200 scans/sec
> Resolution	0.1mm (4mils) - Code 39,PCS=45 %, on contact
> Print contrast	30% or more
> Scanning angle	Front: 60° Rear: 60° Yaw: 75°
> Decode capability	Autodiscriminates all standard barcodes; other symbologies can be ordered optionally
> Beeper operation	7 tones or no beep
> Indicator	Green led
Mechanical	
> Length	182 mm
> Width-handle	26 mm
> Width-head	74 mm
> Depth-handle	51 mm
> Depth-head	35 mm
> Weigh	150 g (cable not included)
> Cable - K/B wedge	Straight 2.0 m
> Cable - universal type	Straight 2.3 m
> Connector type	RJ-45 phone jack connector
> Case material	ABS plastic
> Cushion material	Rubber
Environment	
> Operating temperature	0°C to 40°C (32°F to 104°F)
> Storage	-40°C to 60°C (-40°F to 140°F)
> Humidity	5% to 90% relative humidity, non-condensing
> Light level	Up to 80000 Lux
> Shock	1.5m drop onto concrete
> Contaminants	Sealed to resist airborne particulate contaminants



Electrical	
> Input voltage	5 VDC ± 0.25V
> Power - operating	900 mW
> Power - standby	500 mW
> Current - operating	180 mA @ 5 VDC
> Current - standby	100 mA @ 5 VDC
> Current - sleep mode	25 mA @ 5VDC
> DC transformers	Class 2; 5VDC @ 450 mA
> EMC	FCC Class A
Programming	
> Programming method	Manual (reading special barcode) DOS command through RS-232, Windows configuration program
> Program upgrade	Enabled by build-in flash memory
> Programmable characteristics	Code type selection, check digit selection Decoding option Decoding option Transmitted character delay, Header selection, trailer selection, message suffix, good read beep tone and volume, scanners trigger selectionKeyboard emulation type (intermessage delay, keyboard type and keyboard language).Serial interface type (ACK/NAK, Xon/Xoff, RTS/CTS, good read LED control, start/stop bits)