

## Long Range Imagers

### AS-8250



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	
Light source	660 nm visible red LED
Optical system	2048 pixel CCD (charge-coupled device)
Depth of scan field	0-250 mm
Scanning width	120 mm
Scan speed	200 scans/sec
Current - sleep mode	25 mA @ 5VDC
Resolution	0.1mm (4mils) - Code 39,PCS=45 %, on contact
Print contrast	30% or more
EMC	FCC Class A
Scanning angle	Front: 60° Rear: 60° Yaw: 75°
Decode capability	Autodiscriminates all standard two-dimension barcodes; other symbologies can be ordered optionally
Cable - universal type	Straight 2.3 m
Beeper operation	7 tones or no beep
Indicator	Green LED
Length	182 mm
Cushion material	Rubber
Width-handle	26 mm
Width-head	74 mm
Depth-handle	51 mm

Depth-head	35 mm
Weight	150 g (cable not included)
Cable - K/B wedge	Straight 2.0 m
Connector type	RJ-45 phone jack connector
Case material	ABS plastic
Input voltage	5 VDC $\pm$ 0.25V
Shock resistance	0°C to 40°C (32°F to 104°F)
Power - operating	900 mW
Power - standby	500 mW
Current - operating	180 mA @ 5 VDC
Current - standby	100 mA @ 5 VDC
DC transformers	Class 2; 5VDC @ 450 mA
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
Programming method	Manual (reading special barcode) DOS command through RS-232, Windows configuration program
Contaminants	Sealed to resist airborne particulate contaminants
Program upgrade	Enabled by build-in flash memory
Programmable characteristics	Code type selection, check digit selection Decoding option Transmitted character delay, Header selection, trailer selection, message suffix, good read beep tone and volume, scanner trigger selection Keyboard 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)