

Cordless Imager

AS-8510



The AS-8510 long Range Cordless Imager provides a high performance scanning with a rapid scan rate (450 scans/sec) and superior depth of field (up to 40 inches on 40-mil codes). Utilizing Argox's unique wireless-communication technology, the AS-8510 operates with a 10-meter data transmission range. Accompanying with a long-lasting Li-ion battery pack and IP42 sealing level design, the AS-8510 offers the freedom of mobility of barcode scanning and outstanding durability in a wide range of applications including business offices for shipping / receiving, supermarkets, warehouses and manufacturing.

Specifications	
Light source	630nm Visible Red LED
Optical system	2048 pixel CCD (Charge-coupled device)
Depth of scan field	0-600 mm (Code39, PCS=90%, 20mil)
Scanning width	160mm
Scan speed	450 scan/sec
Resolution	0.1mm (4mil) Code39, PCS=90%, 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 & Red Led (2 more LED for 8510 cradle)
Length	164 mm
Width-handle	30 mm
Width-head	78 mm
Depth-handle	56 mm
Depth-head	35 mm
Weight	250g (battery included)
Connector type	RJ-45 phone jack connector
Case material	ABS plastic (over molded at contact pointed)
Input voltage	5 VDC \pm 0.25V
Power - operating	900 mW
Power - standby	150 mW
Current - operating	225 mA @ 4.2 VDC
Current - standby	32 mA @ 4.2 VDC

Agency Listing	UL, FCC Class B, CE, BSMI
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage	-20°C to 70°C (-4°F to 158°F) (battery not included for 8510)
Humidity	10% to 90% relative humidity, non-condensing
Light level	Up to 70000 lux
Shock	1.5m drop onto concrete (90cm for 8510 cradle)
Contaminants	Seals to resist airborne particulate contaminants (IP 42)
Programming method	Manual (Reading special barcodes) DOS command through RS232, Windows configuration program
Program upgrade	Enabled by built-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) Cordless type (special cordless transmission character settings for 8510)