



→ AS-8310

### AS-8310

The AS-8310 Long Range Imager delivers rapid scans, superior accuracy, and extra durability. An advanced, high performance long-range scanner, the AS-8310 offers a fast, accurate and cost-effective alternative to laser barcode scanners. A durable rubber overmolding protects the AS-8310 in harsh environments, and the optional hands-free caddy is ideal for retail applications. Providing exceptional quality and performance, the AS-8310 is perfect for a wide variety of applications, including business and professional offices, warehouses, healthcare facilities, laboratories, shipping & receiving, and retail outlets.



→ AS-8312

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The fast and accurate AS-8312 Long Range Imager scans 2-Dimensional symbols such as PDF417, RSS, and Code 16K, as well as the full range of barcode symbologies. With a rapid 450 scans per second, the AS-8312's performance is comparable to laser barcode scanners but at a much lower cost. With superior depth of field, this scanner delivers long range accuracy even in poor conditions. The durable AS-8312 is perfect for tough industrial environments. For retail checkout, the optional caddy allows hands-free scanning. Suitable for a wide range of applications, from professional offices to shipping & receiving, the AS-8312 Long Range Imager offers outstanding quality and performance.

Argox can.

**ARGOX**  
Empower the Barcode

Offer advanced barcode scanning capabilities?

Specifications	AS8310/8312
<b>Operational</b>	
Light Source	630nm Visible Red LED
Optical System	2048 pixel CCD (Charge-coupled device)
Depth of Scan Field	0 -600 mm (Code 39, PCS = 90%, 20mils)
Scanning Width	160mm
Scan Speed	450 scans/sec
Resolution	0.1mm (4mils) Code39, PCS = 90%, on contact
Print Contrast	25% or more
Scanning Angle	Front: 60° Rear: 60° Yaw: 75°
Decode Capability	Autodiscriminates all standard barcodes; Other symbologies can be ordered optionally (2D symbologies for 8312 only)
Beeper Operation	7 tones or no beep
Indicator	Green & Red Led
<b>Mechanical</b>	
Length	164mm
Width-Handle	30mm
Width-Head	78mm
Depth-Handle	56mm
Depth-Head	35mm
Weight	176g (cable not included)
Cable-K/B Wedge	Coiled 2.5m
Cable-Universal Type	Straight 2.5m
Connector Type	RJ-45 phone jack connector
Case Material	ABS plastic
<b>Electrical</b>	
Input Voltage	5 VDC ± 0.25V
Power-Operating	800mW
Power-Standby	350mW
Current-Operating	160mA @ 5 VDC
Current-Standby	70mA @ 5 VDC
Agency Listing	UL, FCC Class B, CE
<b>Environmental</b>	
Operating Temperature	0° C to 50° C (32° F to 122° F)
Storage	-20° C to 70° C (-4° F to 158° F)
Humidity	5% to 90% relative humidity, non-condensing
Light Level	Up to 70000 Lux
Shock	1.5m drop onto concrete
<b>Programming</b>	
Programming Method	Manual (Reading special barcode) DOS command through RS-232, 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)

Specifications subject to change without notice