

**ARGOX CAN.**

## **AS-8310 / AS-8312**

The AS-8310 / AS-8312 Long Range Imagers deliver rapid scans, superior accuracy, and extra durability. An advanced, high performance long-range scanner, the AS-8310 / AS-8312 offer a fast, accurate and cost-effective alternative to laser barcode scanners. A durable rubber overmolding protects the AS-8310 / AS-8312 in harsh environments, and the optional hands-free caddy is ideal for retail applications. In addition to the full range of barcode symbologies, The AS-8312 provides 2D symbol scanning such as PDF-417, RSS and micro-PDF. Providing exceptional quality and performance, the AS-8310 / AS-8312 is perfect for a wide variety of applications, including business and professional offices, warehouses, healthcare facilities, laboratories, shipping & receiving, and retail outlets.



**AS-8310 / AS-8312**



Specifications	AS-8310	AS-8312
<b>Operational</b>		
Light Source	630 nm 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	160 mm	
Scan Speed	450 scan s/sec	
Resolution	0.1 mm (4mils) 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 (2D symbologies for 8312 only)	
Beeper Operation	7 tones or no beep	
Indicator	Green & Red LED	
<b>Mechanical</b>		
Length	164 mm	
Width-Handle	30 mm	
Width-Head	78 mm	
Depth-Handle	56 mm	
Depth-Head	35 mm	
Weight	176g (cable not included)	
Connector Type	RJ-45 phone jack connector	
Case Material	ABS plastic (over molded at contact pointed)	
<b>Electrical</b>		
Input Voltage	5 VDC $\pm$ 0.25V	
Power-Operating	800 mW	
Power-Standby	350 mW	
Current-Operating	160 mA @ 5 VDC	
Current-Standby	70 mA @ 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

