ARGOX
Empower the Barcode

ARGOX·CAN

AS-8120

The Argoscan 8120 scanner offers excellent scanning performance at an attractive, entry-level price. The AS-8120 reads from contact to 150mm from the barcode and provides accurate decoding in seconds. This scanner features ultra-low power consumption and an all-in-one universal host interface.

AS-8120

AS-8150 / AS-8250

The AS-8150 and AS-8250 are long-range CCD scanners that offer the performance of laser scanners, but at a lower price point. Using a high intensity aiming line these imagers read barcodes up to a distance of 200mm. Argox's patented "Digi-Decode" technology allows high speed bar code captures at 200 scans per second. Easy to aim and use in any lighting environment, these scanners make fast and accurate scans of PDF codes, Code 16K as well as all standard linear symbologies. Both handheld and fixed projection modes are available, as are long-range activation and an optional adjustable stand for automated operation. The scanners come with Flash ROM and Meteor upgrade utility.

AS-8150 /AS-8250

Argox Information Co., Ltd.

Specifications	AS-8120	AS-8150	AS-8250
Operational			
Light Source	660 nm Visible Red LED	630 nm Visible Red LED	
Optical System	2048 pixel CCD (Charge-coupled device)		
Depth of Scan Field	0 - 150 mm (Code 39, PCS = 90%, 20mils)	0 - 250 mm (Code 39, PCS = 90%, 20mils)	
Scanning Width	75mm at contact	120 mm	
Scan Speed	100 scans/sec	200 scans/sec	
Resolution	0.1 mm (4mils) Code39, PCS = 90%, on contact		
Print Contrast	45% (30% programmable)	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 8250)		
Beeper Operation	7 tones or no beep		
Indicator	Blue LED	Green LED	
Mechanical			
Length	182 mm		
Width-Handle	26 mm		
Width-Head	90 mm	74 mm	
Depth-Handle	49 mm	51 mm	
Depth-Head	35 mm		
Weight	120g (cable not included)	160g (cable not included)	
Connector Type	RJ-45 phone jack connector		
Case Material	ABS	ABS plastic +PC	
Electrical			
Input Voltage	5 VDC ± 0.25V		
Power-Operating	1250 mW	900 mW	
Power-Standby	300 mW	600 mW	
Current-Operating	250 mA @ 5 VDC	180 mA @ 5 VDC	
Current-Standby	60 mA @ 5 VDC	120 mA @ 5 VDC	
Agency Listing	UL, FCC Class A, CE		
Environmental			
Operating Temperature	0° C to 45° C (32° F to 113° F)		
Storage	-20° C to 60° C (-4° F to 140° F)	-40° C to 60° C (-40° F to 140° F)	
Humidity	5% to 90% relative humidity, non-condensing		
Light Level	Up to 20000 Lux	Up to 60000 Lux	
Shock	1.2m drop onto concrete	1.5m drop onto concrete	
Programming			
Programming Method	Manual (Reading special barcode) DOS command through RS-232	Manual (Reading special barcode) DOS command through RS-232, Windows configuration program	
Program Upgrade	X	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)		

ArgoScan Series Barcode Scanner (AS-8120/AS-8150/AS-8250)

Specifications subject to change without notice