ARGOX
Empower the Barcode

ArgoScan Barcode Imager
Mid-range Series
AS-8000 / AS-8080 / AS-8120

Five Year Warranty
5

AS-8080

AS-8000

AS-8120

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Features

- Light Weight, Ergonomic Design

- Gerneral Purpose reader - a single device covering the broadest range of application

- Durable - without any moving parts to wear out

- 100 scans per second and working range from contact to 150mm on medium density barcodes

- Excellent Scanning Performance starting at 0.1mm (4 mil)

- Readable Under Sun Light

- Reliability
  (1) Trigger: 1,000,000 times
  (2) Cable: 320,000 times (90°)
  (3) Drop: 1.5 meter

- 5-year Warranty

Depth of Field		
Resolution	AS-8000	AS-8120
4 mil	10 ~ 45 mm	0 ~ 25 mm
5 mil	7 ~ 60 mm	0 ~ 40 mm
10 mil	Up to 110 mm	0 ~ 80 mm
13 mil	Up to 120 mm	Up to 100 mm
20 mil	Up to 150 mm	Up to 150 mm

Applications

POS
Pharmacy
Medical Treatment
Financial Service
Retail
Manufacturer

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Product Values

AS-8000

AS-8080

AS-8000 & AS-8080

The sleek new AS-8000 is the ideal scanner for retail applications. Its light-weight, easy-to-handle form factor makes scanning a breeze. Operation is intuitive, no warm up or waiting: Just point and scan! The AS-8000 reads all commonly used barcode symbologies from contact up to a distance of 125mm. Available in black or gray to match most retail systems, the AS-8000 offers easy plug and play installation. For all retail and similar applications, this little mid-range imager delivers unmatched cost / performance.

AS-8120

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.

Accessories

> AS-8000 holder

> AS-8000 stand

> AS-8120 stand

Specifications	AS- 8000	AS- 8120
Light source	660 nm visible red LED	660nm Visible Red LED
Optical system	2048 pixel CCD (charge-coupled device)	2048 pixel CCD(Charge-coupled device)
Depth of scan field	150 mm (Code 39, 500Lux, PCS=90%, 20mils)	150 mm(Code 39, PCS = 90%, 20mils)
Scanning width	95mm wide @ 55mm distance 50mm wide @ 10mm	75 mm at contact
Scan speed	100 scans/sec	100 scans/sec
Current - sleep mode	Nil	/
Resolution	0.1mm(4mils) - Code 39, PCS=90 %	0.1 mm (4mils) Code39, PCS = 90%, on contact
Print contrast	45% or more	45% or more (30% programmable)
Scanning angle	Pitch: Max 60°,Yaw: Max 70°	Front: 60°,Rear: 60°,Yaw: 75°
Decode capability	Autodiscriminates all standard one-dimension barcodes; including GS1 databar	Auto discriminates all standard barcode; Other symbologies can be ordered optionally
Cable - universal type	Nil	/
Beeper operation	7 tones or no beep	7 tones or no beep
Indicator	Green LED	Blue LED
Length	176 mm	182 mm
Width-handle	/	26 mm
Width-head	/	90 mm
Depth-handle	30 mm	49 mm
Depth-head	40 mm	35 mm
Weight	90 g (cable not included)	120 g (cable not included)
Cable - K/B wedge	Straight 2.0 m	/
Connector type	Crimp type female connector	RJ-45 phone jack connector
Case material	ABS plastic + TPR	ABS
Shock resistance	0°C to 45°C (32°F to 113°F)	/
Input voltage	5 VDC ± 0.25V	5 VDC ± 0.25V
Power - operating	Max 250mA	1250mW
Power - standby	30 mA @ 5 VDC	300 mW
Current - operating	MAx 250 mA @ 5 VDC	250 mA @ 5 VDC
Current - standby	30 mA @ 5 VDC	60 mA @ 5 VDC
Operating Temperature	/	0°C to 45°C (32°F to 113°F)
DC transformers	Class 2; 5VDC @ 500 mA	/
Storage	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Humidity	10% to 90% relative humidity, non-condensing	5% to 90% relative humidity, non-condensing
Light level	Up to 20000 Lux	Up to 20000 Lux
Shock	1.5m drop onto concrete	1.5m drop onto concrete
Programming method	Manual (reading special barcode)	Manual (Reading special barcode) DOS command through RS-232
Contaminants	Sealed to resist airborne particulate contaminants	/
Program upgrade	N/A	/
EMC	FC CE ⊖ T3A078	FC CE ⊖ T3A078
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)	

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