

ArgoScan Barcode Imager  
Long-range Series  
AS-8150 / AS-8250



AS-8150



AS-8250

Specifications	AS- 8150	AS- 8250
Light source	660 nm visible red LED	660 nm visible red LED
Optical system	2048 pixel CCD (charge-coupled device)	2048 pixel CCD (charge-coupled device)
Depth of scan field	0-250 mm	0-250 mm
Scanning width	120 mm	120 mm
Scan speed	200 scans/sec	200 scans/sec
Current - sleep mode	97 mA @ 5VDC	97 mA @ 5VDC
Resolution	0.1mm (4mils) - Code 39,PCS=90 %, on contact	0.1mm (4mils) - Code 39,PCS=45 %, on contact
Print contrast	25% or more	25% or more
Scanning angle	Front: 60° ,Rear: 60° ,Yaw: 75°	Front: 60° ,Rear: 60° ,Yaw: 75°
Decode capability	Autodiscriminates all standard one-dimension barcodes; including GS1 databar	Autodiscriminates all standard barcodes; other symbologies can be ordered optionally (2D Symbology for AS-8250)
Cable - universal type	Straight 2.3 m	Straight 2.3 m
Beeper operation	7 tones or no beep	7 tones or no beep
Indicator	Green LED	Green LED
Length	182 mm	182 mm
Cushion material	Rubber	Rubber
Width-handle	26 mm	26 mm
Width-head	74 mm	74 mm
Depth-handle	51 mm	51 mm
Depth-head	35 mm	35 mm
Weight	160 g (cable not included)	150 g (cable not included)
Cable - K/B wedge	Straight 2.0 m	Straight 2.0 m
Connector type	RJ-45 phone jack connector	RJ-45 phone jack connector
Case material	ABS plastic + PC	ABS plastic
Operating temperature	0°C to 45°C (32°F to 113°F)	0°C to 45°C (32°F to 113°F)
Input voltage	5 VDC ± 0.25V	5 VDC ± 0.25V
Power - operating	1275 mW	900 mW
Power - standby	600 mW	500 mW
Current - operating	255 mA @ 5 VDC	180 mA @ 5 VDC
Current - standby	120 mA @ 5 VDC	100 mA @ 5 VDC
DC transformers	Class 2; 5VDC @ 450 mA	Class 2; 5VDC @ 450 mA
Storage	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 90% relative humidity, non-condensing	5% to 90% relative humidity, non-condensing
Light level	Up to 60000 Lux	Up to 80000 Lux
Shock	1.5m drop onto concrete	1.5m drop onto concrete
Programming method	Manual (reading special barcode) DOS command through RS-232, Windows configuration program	Manual (reading special barcode) DOS command through RS-232, Windows configuration program
Contaminants	Sealed to resist airborne particulate contaminants (IP42)	Sealed to resist airborne particulate contaminants (IP42)
Program upgrade	Enabled by build-in flash memory	Enabled by build-in flash memory
EMC	FC	FC
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 Barcode Imager Long-range Series AS-8150 / AS-8250



## Features

- General Purpose reader - a single device covering the broadest range of application
- Durable - without any moving parts to wear out
- Plug and play connectivity - All popular interfaces are on board KBW /USB/RS-232
- 200 scans per second and working range from contact to 250mm on medium density barcodes
- AS-8250 Support PDF417 decoding
- Aiming line- Aiming line for easy-of-use in scanning barcode
- 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-8150	AS-8250
5 mil	25 ~ 85 mm	25 ~ 85 mm
10 mil	13 ~ 150 mm	13 ~ 150 mm
13 mil	13 ~ 200 mm	13 ~ 200 mm
20 mil	25 ~ 300 mm	25 ~ 300 mm
40 mil	50 ~ 600 mm	50 ~ 600 mm

## Applications

- POS
- Pharmacy
- Medical Treatment
- Financial Service
- Retail
- Logistic

# ARGOX

*Empower the Barcode*

## Product Values



AS-8150



AS-8250

### AS-8150

The durable and ergonomically designed AS-8150 is the best-value handheld scanner in its class. This long-range CCD scanner replaces traditional laser bar code scanners, but at a lower cost. The AS-8150 has a high intensity aiming line and captures bar codes from as far away as 250 mm. High speed bar code captures at 200 scans per second use our patented "Digi-Decode" technology. This scanner is easy to aim and scans codes in any lighting environment. The AS-8150 features both handheld and fixed projection modes, as well as long-range activation and an adjustable stand (optional) for automated operation. Flash ROM with Meteor upgrade utility is included.

### AS-8250

The AS-8250 long range scanner is suitable for a wide range of applications, from retail checkout and inventory management, to invoicing in offices and shipping/receiving control in factories. This long range model delivers fast and accurate reading of PDF codes, Code 16K as well as all standard linear symbologies. The AS-8250 provides users with many benefits, including a 250mm scanning range, small size, and cost effectiveness. The scanner offers an all-in-one universal host interface, and a Windows utility is included.

### Accessories



> AS-8150 stand