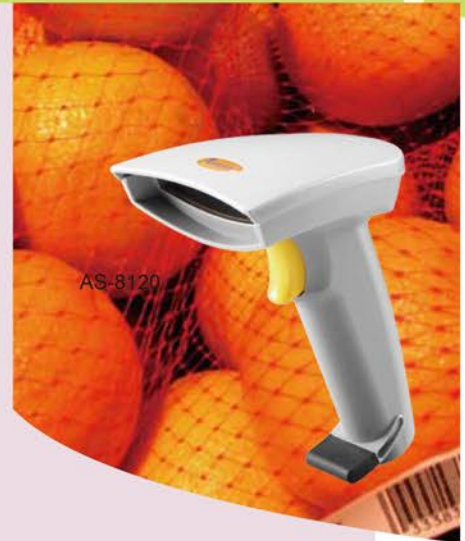


ArgoScan Barcode Imager  
Mid-range Series  
AS-8000 / AS-8080 / AS-8120



**Features**



- Light Weight, Ergonomic Design
- General 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

**ARGOX**  
*Empower the Barcode*

| 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<br>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,RS-232,USB | Straight 2.0 m (fixed)  | Straight 2.0 m (attachable)   |
| 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)   | 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)   | 0°C to 45°C (32°F to 113°F)   |
| DC transformers              | Class 2; 5VDC @ 500 mA  | 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)<br>DOS command through RS-232                              |
| Contaminants                 | Sealed to resist airborne particulate contaminants  | Sealed to resist airborne particulate contaminants  |
| Program upgrade              | N/A   | N/A   |
| EMC                          | FC CE    | FC CE  |
| 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) |   |