

**ARGOX**  
*Empower the Barcode*

ArgoScan  
2D Barcode Imager  
AS-9500 Series

**HIBC**

Health Care Bar Code conformity

**AS-9500g**



**AS-9500HD**



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# ArgoScan 2D Barcode Imager AS-9500 Series

## Features

- Three different models for various applications: AS-9500g (General Use); AS-9500HD (High Density)
- Aiming line for easy-of-use in scanning barcode
- Plug and play connectivity - All popular interfaces are on board including RS-232, USB HID and USB COM port
- Readable under sun light to 100,000 Lux
- Durable – Withstand 1.8m floor drop and reach IP42 dust and splash resistance
- Support scanning 2-Dimensional symbols such as MaxiCode, DataMatrix, QR Code and Aztec, as well as the full range of barcode symbologies.
- Reliability
  - (1) Trigger: 1,000,000 times
  - (2) Cable: 320,000 times (90°)



## Applications

Hospitals and Pharmacies  
Libraries  
Administration  
Inventory  
E-Government  
Customs  
Animal husbandry  
Automotive industry  
Semiconductor  
Telecommunication

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## Product Values



AS-9500g



AS- 9500HD

## AS-9500 Series

Argox has launched its first 2D scanner, the AS-9500g. The new handheld scanner is small, lightweight and easy-to-use, and not only does it read all popular 1D and 2D barcodes, it also reads postal codes and OCR. The AS-9500g works in all environments including bright sunlight up to 100,000 Lux. Now the new AS-9500 series with vibration mode comes in three models for different applications, which include the AS-9500g for general use and the AS-9500HD for high density scans.

The AS-9500 series is durable and designed for everyday use, meeting IP42 dustproof and waterproof standards as well as drop tests from 1.8 meters. It connects to other devices via RS-232, USB HID and USB COM port interfaces. The AS-9500g is ideal for use in applications requiring information-rich 2D barcodes, such as hospitals, pharmacies, libraries, government tax bureaus, customs, industry, automotive, and more.

| Specifications  | AS- 9500g  | AS- 9500HD   |
|---|--|--|
| Focal Point   | 4.5 inches(11.4cm) from lens plate   |  |
| Scan Angle  | Pitch: $\pm 40^{\circ}$ Yaw: $\pm 40^{\circ}$  |  |
| Resolution - 1D   | 5 mil  | 4 mil  |
| Resolution - 2D   | 8.3 mil  | 6.7 mil  |
| Reading indication  | Blue led, vibrator, and adjustable beeper  |  |
| Beeper Operation  | Volume x3 / Frequency x3 or no beep  |  |
| Scanning system   | 752 X 480 CMOS sensor  |  |
| Motion Tolerance  | 4 inches per second  |  |
| Rotational Sensitivity                                    | 360°   |  |
| Light Source  | 626nm $\pm$ 30nm Visible Red LED   |  |
| Aiming Source   | 526nm $\pm$ 30nm Visible Green LED   |  |
| Scan Rate   | Up to 60 fps   |  |
| PCS   | $\geq 25\%$  |  |
| Weight  | 146g   |  |
| Interface   | RS-232, USB HID, USB Virtual COM   |  |
| Connector type  | RJ-45 phone jack connector   |  |
| Case Material   | ABS and Rubber   |  |
| Depth of Scan Field<br>(PCS=90%,10 mils,<br>1D : Code 39) | 37~175 mm  | 33~102mm   |
| Depth of Scan Field<br>(PCS=90%,10 mils,<br>2D : QR Code) | 62~137 mm  | 34~101mm   |
| Symbologies   | 1D   | Code 11, Code 39, Code 32, Code 128, Codabar, Interleaved 2 of 5, Industrial 2 of 5, IATA 2 of 5, Matrix 2 of 5, EAN/JAN-13,EAN/JAN-8, UPC-A, UPC-E, UPC-A/EAN-13 with Extended Coupon Code, Code 93, MSI, Plessey Code, Telepen, PosiCode A and B, TLC 39 |
|   | 2D   | PDF417, MicroPDF417, Macro PDF417, MaxiCode, Data Matrix(ECC200 and others), QR Code, Aztec, Aztec Mesas. Code 49, EAN-UCC Composite Codes, Code 16K, Chinese Sensible (Han Xin) Code, GS1 DataBar, Codablock F  |
|   | Postal   | Postnet (US), Planet Code, Australian Post, British Post, China Post, Canadian Post, Japanese Post, KIX(Netherlands) Post, Korea Post,4-CB, ID-tag   |
|   | OCR  | OCR-A, OCR-B, U.S.Currency   |
| Programming Method  | <ul style="list-style-type: none"> <li>■ Executing DOS Command by RS-232 or USB Virtual COM</li> <li>■ A scanner reads the programming codes</li> </ul>  |  |
| Power supply & Consumption                                | Input Voltage: 3.7~5.5 VDC<br><RS-232><br>Operating: Max 350mA @5V<br>Standby: Max 65 mA@5V<br>Low Power Mode: Max 40mA@5V<br><USB HID><br>Operating: Max 350mA @5V<br>Standby: Max 60 mA@5V   |  |
| Agent List  | EMI: FCC, CE, BSMI<br>Safety: BSMI   |  |
| Environment   | Operating Temperature: 0°C to +50°C (0° to 122°F)<br>Storage Temperature: -20°C to +60°C (-4° to 140°F)<br>Operating RH: Up to 95% RH, non-condensing at 50°C<br>Ambient LUX: Total darkness to 100,000 lux (full sunlight)<br>Dust& Splash resistance: IP42<br>Floor Drop: 24 drops from 180 cm to concrete |  |