ARGOX
Empower the Barcode

ArgoScan
2D Barcode Imager
AS-9500 Series

HIBC

Health Care Bar Code conformity

AS-9500g

AS-9500HD   **AS-9500L**

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Features

- Three different models for various applications: AS-9500g (General Use); AS-9500HD (High Density); AS-9500L (Long Range)

- 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-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, the AS-9500HD for high density scans, and the AS-9500L for longer distance 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.

AS-9500g

AS- 9500HD

AS- 9500L

Specifications	AS- 9500g	AS- 9500HD	AS- 9500L
Focal Point	4.5 inches(11.4cm) from lens plate		
Scan Angle	Pitch: ±40° Yaw: ±40°		
Resolution - 1D	5 mil	4 mil	6.6 mil
Resolution - 2D	8.3 mil	6.7 mil	15 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±30nm Visible Red LED		
Aiming Source	526nm±30nm Visible Green LED		
Scan Rate	Up to 60 fps		
PCS	>= 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 (PCS=90%,10 mils, 1D : Code 39)	37~175 mm	33~102mm	67~176mm
Depth of Scan Field (PCS=90%,10 mils, 2D : QR Code)	62~137 mm	34~101mm	85~168mm
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		
Symbologies — 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		
Symbologies — Postal	Postnet (US), Planet Code, Australian Post, British Post, China Post, Canadian Post, Japanese Post, KIX(Netherlands) Post, Korea Post,4-CB, ID-tag		
Symbologies — OCR	OCR-A, OCR-B, U.S.Currency		
Programming Method	■ Executing DOS Command by RS-232 or USB Virtual COM ■ A scanner reads the programming codes		
Power supply & Consumption	Input Voltage: 3.7~5.5 VDC <RS-232> Operating: Max 350mA @5V Standby: Max 65 mA@5V Low Power Mode: Max 40mA@5V <USB HID> Operating: Max 350mA @5V Standby: Max 60 mA@5V		
Agent List	EMI: FCC, CE, BSMI Safety: BSMI		
Environment	Operating Temperature: 0°C to +50°C (0° to 122°F) Storage Temperature: -20°C to +60°C (-4° to 140°F) Operating RH: Up to 95% RH, non-condensing at 50°C Ambient LUX: Total darkness to 100,000 lux (full sunlight) Dust& Splash resistance: IP42 Floor Drop: 24 drops from 180 cm to concrete		

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