

ARGOX
Empower the Barcode

ArgoScan 2D Barcode Imager AS-9500H



AS-9500H

The AS-9500H imager is a 2D scanner made with anti-microbial materials for healthcare and similar applications. Imagers are difficult to sterilize, and being highly mobile, they have the potential to carry germs from one area of a hospital to another. Using anti-microbial material certified by health and environmental officials, and offered in white or powder blue, the AS-9500H imager offers an ideal 2D barcode scanning tool for the healthcare fields.

The AS-9500 series comes in four models for different applications; besides the AS-9500H (Healthcare) there are the AS-9500g (General Use), the AS-9500HD (High Density), and the AS-9500L (Long Range) models. These handheld scanners are small, lightweight and easy-to-use, and read all popular 1D and 2D barcodes, postal codes and OCR. The AS-9500 series works well in all environments including bright sunlight up to 100,000 Lux, and it has an aiming line and a vibration mode that make scanning easier.

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



Health Care Bar Code conformity

Specifications	AS- 9500H	
Focal Point	4.5 inches(11.4cm) from lens plate	
Scan Angle	Pitch: $\pm 40^{\circ}$ Yaw: $\pm 40^{\circ}$	
Resolution - 1D	4 mil	
Resolution - 2D	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 $^{\circ}$	
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 with anti-microbial material	
Depth of Scan Field (PCS=90%,10 mils, 1D : Code 39)	33~102mm	
Depth of Scan Field (PCS=90%,10 mils, 2D : QR Code)	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"> ■ 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 $^{\circ}$ C to +50 $^{\circ}$ C (0 $^{\circ}$ to 122 $^{\circ}$ F) Storage Temperature: -20 $^{\circ}$ C to +60 $^{\circ}$ C (-4 $^{\circ}$ to 140 $^{\circ}$ F) Operating RH: Up to 95% RH, non-condensing at 50 $^{\circ}$ C Ambient LUX: Total darkness to 100,000 lux (full sunlight) Dust& Splash resistance: IP42 Floor Drop: 24 drops from 180 cm to concrete	

Features

- The AS-9500H external surface contains anti-microbial material to offer a solution for healthcare
- Aiming line for easy barcode scanning
- Plug and play connectivity - All popular interfaces are on-board including RS-232, USB HID and USB COM ports
- Readable under sunlight up to 100,000 Lux
- Durable - Withstands 1.8m floor drop and meets IP42 dust and splash resistance standards
- Supports 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 $^{\circ}$)



www.argox.com

Argox Information Co., Ltd

7F, No 126, Lane 235, Pao-Chiao Rd., Hsin Tien, Taipei, Taiwan, R.O.C.

Tel: +886-2-8912-1121 Fax: +886-2-8912-1124

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More specific information, please refer to user's manual.