ARGOX

Empower the Barcode

ArgoScan
2D Barcode Imager
AS-9500

AS-9500

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Features

- 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 - without any moving parts to wear out

- 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

Argox has launched its first 2D scanner, the AS-9500. 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-9500 works in all environments including bright sunlight up to 100,000 Lux.

The AS-9500 is durable and designed for everyday use, meeting IP42 dustproof and waterproof standards as well as drop tests from 1.5 meters. It connects to other devices via RS-232, USB HID and USB COM port interfaces. The AS-9500 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-9500

Specifications	AS- 9500					
Focal Point	4.5 inches(11.4cm) from lens plate					
Scan Angle	Pitch: ±40° Yaw: ±40°					
Resolution	1D:5 mil (0.127mm) min 2D: 8 mil (0.21 mm) min					
Reading indication	LED and adjustable beep sound					
Scanning system	752 X 480 CMOS sensor					
Motion Tolerance	4 inches per second					
Rotational Sensitivity	360°					
Illumination LEDs	626nm±30nm					
Aiming	LEDs: 526nm±30nm					
Scan Rate	Up to 60 fps					
PCS	>= 30%					
Weight	146g					
Interface	RS-232, USB HID, USB Virtual COM					
	PCS = 90%, 1D			**PCS = 90%, 2D**		
		Near Field	Far Field		Near Field	Far Field
	5 mil (Code39, 1:2.5)	Readable		8 mil (QR)	2.91"	4.44"
	8 mil (Code39, 1:2.5)	2.28"	5.03"	10 mil (QR)	2.44"	5.39"
Depth of Field	10 mil (Code39, 1:2.5)	1.46"	6.89"	13 mil (QR)	1.52"	6.34"
	13 mil (Code39, 1:2.5)	1.53"	8.30"	20 mil (QR)	---	8.79"
	20 mil (Code39, 1:2.5)	---	10.23"	10 mil (PDF417)	2.01"	6.29"
	13 mil (UPC/EAN)	1.38"	8.97"	13 mil (PDF417)	1.99"	7.16"
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, GS1 DataBar, Codablock F, TLC 39				
	2D	PDF417, MicroPDF417, MaxiCode, Data Matrix, QR Code, Aztec, Code 49, EAN-UCC Composite Codes, , Code 16K, Chinese Sensible (Han Xin) Code				
	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	■ Command through RS232 ■ Command through USB virtual com port ■ Scanner read the programming barcode					
Power supply & Consumption	Operating range: 3.5 VDC to 5.5 VDC RS-232 Scanning : Max 300 mA@5V Idle :Max 55mA@5V USB- HID Scanning : Max 300 mA@5V Idle :Max 50mA@5V					
Agent List	🅢 R3A078 FC CE					
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 150 cm to concrete					