Arch POS Vertical Scanner
Technical Specifications

Decoding Capability	1D / Linear Codes	Autodiscriminates all standard 1D codes including GS1 DataBar™ linear codes.
	2D Codes	Aztec Code; Data Matrix (ECC200 Only); MaxiCode; QR Code
	Stacked Codes	GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MicroPDF417; PDF417
Electrical	AC Power Requirements	AC Input: 90-264 VAC, 47-63 Hz;
	Power Consumption	Operating (Maximum): 8.75 Watts; Operating (Nominal): 2.8 Watts Sleep Mode: 2.0 Watts
Environmental	Ambient Light	0 - 86,100 lux
	ESD Protection (Air Discharge)	25 kV
	Humidity (Non-condensing)	5 - 95%
	Temperature	Operating: 0 to 40 °C / 32 to 104 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F
Interfaces	Interfaces	IBM 46xx; Keyboard Wedge; OEM (IBM) USB; RS-232; USB
	Auxiliary Ports	Powered RS-232
Optional Features	EAS Features	Checkpoint Systems: Integrated EAS hardware will work with Counterpoint IX and Evolve D11 models Sensormatic: Good Read Acknowledgement
	Value Added Features	Diagnostic Reporting; Host Download; Productivity Index Reporting™ (PIR)
Physical Characteristics	Dimensions	14.2 x 15.2 x 8.2 cm / 5.6 x 6.0 x 3.2 in
	Weight	0.6 kg /1.3 lb
Reading Performance	Image Capture	Graphic Formats: BMP, JPEG
	Imager Sensor	1280 x 1024
	Light Source	Illumination: Multiple diffused 625nm LEDs
	Print Contrast Ratio (Minimum)	25%
	Read Height	14.0 cm / 5.5 in
	Read Rate (Maximum)	39 Million pixels per second
	Reading Angle	Pitch: +/- 65°; Roll (Tilt): 0 - 360°; Skew (Yaw): +/- 75°
	Reading Indicators	Beeper (Adjustable Tone and Volume); Good Read LED; Good Transmission
	Resolution (Maximum)	5 mil
Reading Ranges	Typical Depth of Field	Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. 1D / Linear Codes 5 mils: 1.3 to 6.4 cm / 0.5 to 2.5 in 7.5 mils: 1.3 to 11.4 cm / 0.5 to 4.5 in 10 mils: 0 to 15.2 cm / 0 to 6.0 in 13 mils: 0 to 20.3 cm / 0 to 8.0 in 20 mils: 0 to 22.9 cm / 0 to 9.0 in 2D Codes (Optional) 6.6 mils: PDF: 3.8 to 10.2 cm / 1.5 to 4.0 in 10 mils: PDF: 0 to 18.0 cm / 0 to 7.0 in 15 mils: PDF: 0 to 20.3 cm / 0 to 8.0 in 10 mils: Data Matrix: 0 to 6.4 cm / 0 to 2.5 in 24 mils: Data Matrix: 0 to 20.3 cm / 0 to 8.0 in
Safety & Regulatory	Agency Approvals	The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications.
	Environmental Compliance	Complies to China RoHS; Complies to EU RoHS
	LED Classification	EN60825-1 Class 1 LED; IEC 60825-1 Class 1 LED Product
Utilities	Magellan™ OSP	Magellan On-Screen Programming (OSP) configuration software is available for download at no charge.
	OPOS / Javapos	JavaPOS Utilities are available for download at no charge. OPOS Utilities are available for download at no charge.
	Remote Host Download	Lowers service costs and improves operations.
Warranty		3-Year Factory Warranty