element™

Element P100-AM
Anti-microbial 2D Hand-held Barcode Scanner

With its comfortable, ergonomic design, disinfectant ready casing and unmatched scanning performance, the new Element P100-AM hand-held scanner offers Anti-microbial casing, containing Nano Silver Antibacterial Technology and a superior out-of-box experience for scan-intensive applications.

> Anti-microbial scanner, contains Nano Silver Antibacterial Technology

> The latest mainboard and image scanning technology, which can greatly improve the speed of decoding

> A solid and durable design

> Intelligent infrared and aiming auxiliary system for a comfortable and convenient scanning experience

> Plug and play interface, which can be quickly used with a variety of host devices

Smooth scanning

Comfortable grip

Technical Specifications - Element P100-AM

Item		Parameter		
Scanning	Image Sensor	CMOS		
	Pixel	640 x 480		
	Illumination	Infrared LED		
	Focus	Infrared LED		
	Symbologies	**2D:**	PDF417, QR Code, Data Matrix, HanXin, Maxicode ,Postal Codes, etc.	
		1D:	Code128, UCC/EAN-128, AIM128, EAN-8, EAN-13, ISBN/ISSN, UPC-E,UPC-A,Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of5,Industrial 25, Standard 25, Code39, Codabar, Code 93, Code 11, Plessey, MSI-Plessey, RSS-14, RSS-Limited, RSS-Expand etc.	
	Resolution	≥3mil		
	Typical DOF	5mil Code39: 20mm–150mm 13mil EAN: 30mm–300mm 6.7mil PDF417: 25mm–130mm 10mil DM: 15mm–100mm 20mil QR: 15mm–210mm		
	Recognition Sensitivity	Pitch±60°, Tilt360°, Skew±60°		
	FOV	Horizontal: 32°, Vertical: 25°		
	Symbol Contrast	≥20%		
Physical	Dimension (mm)	83D x 67W x 175H		
	Weight	128g		
	Scanner Interface	RJ-45 Crystal Head		
	Housing Materials	PC+TPU		
	Notification	Buzzer, LED Indicator		
	Interface	RS-232 Serial Port, USB, USB Virtual Serial Port		
	Trigger Method	Manual keystroke, Automatic induction, Continuous Recognition		
Electrical	Operating Voltage	5VDC±10%		
	Operating Current	Standby: 100mA Working: 230mA		
	Power	Standby: 0.5W Work: 1.15W		
	Operating Temperature	-20°C~+50°C		
	Storage Temperature	-40°C~+70°C		
	Relative Humidity	5%~95% (No Condensation)		
	ESD	±15 kV (Air discharge) ±8 kV (Direct discharge)		
	Environment Luminosity	0~100, 000LUX		
	Anti-shock Ability	1.5m		
	Protection Grade	IP42		
	Certification	CE FCC ROHS		
	Cable	USB, RS232		
	AC Adapter	5V, coordinate with RS-232 cable to power the scanner		
	Test Condition	Environment temperature=23°C Environment illumination=300LUX DOF scanning depends on the resolution, contrast and illumination of barcode.		

* Specifications may change without notification (E&OE)

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