element™

Element P100
2D Hand-held Barcode Scanner

With its comfortable, ergonomic design and unmatched scanning performance, the new **Element P100** hand-held scanner offers superior out-of-box experience for scan-intensive applications.

> New generation COMS image sensor

> Intelligent auxiliary aiming and lighting system

> 1.5m drop resistance, IP42 rating

> Comfortable, ergonomic design

> Scans highly-distorted barcodes

P100 Scanner Kit includes stand & USB cable

Rugged & durable construction

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 of 5,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 ENA: 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 recognition, 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 filament lamp DOF depends on the resolution, contrast of the printing codebar, and the environment illumination		
Warranty		24 Months		

*Specifications may change without notification (E&OE)