Element P900D

Desktop Scanner

The **Element P900D** is a high-performance desktop image scanner built for fast, hands-free scanning of 1D and 2D barcodes from both printed materials and digital screens.

With object self-induction and best-in-class sweep scanning, it provides quick, intuitive barcode capture without manual activation. Equipped with a 1280×1080 pixel image sensor, wide-angle lens, and motion tolerance of up to 600 cm/sec, it handles high-throughput environments with ease.

Designed for versatility, it supports multiple languages, integrates via USB or RS232, and includes an auxiliary port for handheld scanner pairing. A built-in speaker with adjustable volume improves user feedback, while low power consumption keeps operational costs down.

Ruggedly built to withstand 1.2m drops, the P900D combines durability, speed, and flexibility—ideal for retail, logistics, and customer service counters requiring efficient, reliable performance

1D/2D Scanner | High Speed Scan | Expanded View | Fast Decoding | Screen Scan | Customisable | Motion Tolerance (2 M/S) | Drop Distance (1.2M)

- Auto-sensing for hands-free operation
- USB & RS232 connectivity with aux port
- Reads 1D/2D barcodes from paper and screens
- Optimised for mobile barcode scanning
- Low power consumption for efficiency
- Supports multiple language barcode output
- Adjustable-volume speaker for clear feedback

TECHNICAL SPECIFICATIONS - P900D

Item		Parameter
Physical Characteristics	Dimensions	151mm x 141mm x 93mm
	Weight	595g
	Voltage Current	5VDC
	Current	1000mA
Performance Characteristics	Image (Pixels)	1280 pixels (H)x 1080 pixels (V)
	Light Source	Illumination: 617nm RED LED
	Field of View	38.5°(H)x32.5°(V)
	Roll/Pitch/Yaw	360° ±65° ±60°
	Motion Tolerances	up to 600 cm per second
	Interfaces Supported	USB RS232
Decode Capability	1D	UPC, EAN, Code128, Code 39, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI Plessey, GS1 DataBar, China Postal, Korean Postal, etc.
	2D	PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, etc.
	Minimum Resolution	3 mil Code39
User Environment	Operating Temperature	0°C ~ 50°C
	Storage Temperature	-40°C ~ 70°C
	Humidity	0% to 95% relative humidity, non-condensing
	Drop Specifications:	Designed to withstand 1.2m (5') drops
	Ambient Light Immunity	100,000 Lux.
Decode Ranges	3.9mil C39	5mm-30mm
	5.13mil C39	0mm-100mm
	13mil UPC-A	0mm-220mm
	6.88mil PDF	0mm-150mm
	20mil QR	0mm-240mm

**Product specifications and data are subject to change without notice (E&OE)*