

# Element P303BT

2D Cordless Bluetooth Barcode Scanner



The Element P303BT 2D Cordless Bluetooth barcode scanner provides high speed, omnidirectional reading of 1D, 2D, Postal and OCR barcodes. Its versatility provides a super large field of view and 30-meter working range at open space. The cradle configuration allows for adaptability for different use cases, from presentation mode, self scanning and wall mounting.

The Element P303BT has the ability to read barcode reliably off cell phone screens and capability to work with Apple iOS, Android, Window PC/tablets. It is designed with a disinfectant ready, IP42 housing and replaceable battery. This versatile scanner is designed to meet the varying needs of your scanning applications.

- > High speed, omnidirectional reading of 1D, 2D, Postal barcodes and OCR
- > 30-meter working range at open space
- > Reads barcode reliably off cell phone screens
- > Disinfectant ready, IP42 housing
- > Replaceable battery



# Technical Specifications - P303BT

Item		Parameter	
<b>Performance</b>	Image Pixels	640 pixels (H)x 480 pixels (V)	
	Light Source	Aiming: 617 nm LED; illumination: 6500K LED	
	Field of View	40° (H) x 32° (V)	
	Roll/Pitch/Yaw	360°, ±65°, ±60°	
	Battery	4.2v/2500mAh	
	Charging Time	5-6 h	
	Operating Time	12 h	
	Wireless Technology	Bluetooth 5.0	
	Bluetooth Distance	30 meters (open space)	
	Print Contrast	25% minimum reflective difference	
	Interfaces Supported	USB, OTA, RS232	
	Motion Tolerance	up to 25 in. (63.5 cm) per second	
	Symbology 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.
<b>Physical</b>	Dimensions	207mm x 82mm x 109mm	
	Weight	475g	
	Voltage Current	5 VDC +/-10% @ 500 mA	
<b>User Environment</b>	Operating Temperature	-40°C to 70°C	
	Storage Temperature	0% to 95% relative humidity, non-condensing	
	Humidity	Designed to withstand 1.5m(5') drops	
	Shock Specifications	0°C to 50°C	
	Ambient Light Immunity	100.000 Lux.	
<b>Decode Ranges</b>	5 mil (Code 39)	30mm-90mm	
	13 mil (100% Upca)	40mm-170mm	
	1D Minimal Resolution	4mil	
	20MIL QR	10-315mm	
	10MIL DM	10-170mm	
	6.6MIL PDF417	15-145mm	