

Element P55BT

Cordless 2D Companion Scanner



The Element **P55BT** 2D companion scanner is designed to suit a wide range of applications, assisting your mobile workforce. The Element P55BT is designed for retail, warehouse, and logistics workflows, featuring easy pairing with a cradle, a find-me function (vibrate/sound), and an easy reset function to unbind and rebind with other cradles in your workplace environment.

Small, lightweight and easy to hold, the P55BT has a responsive scan performance with green line aiming, haptic feedback, night mode and offline batch mode. It is a feature-rich solution to help your staff complete their mobile tasks.

The P55BT pairs directly with tablets, or you can use the included Bluetooth charge/comms cradle (USB-HID / USB-COM Interface) to connect to existing workstations. It offers a 50m range and a 2500mAh battery to provide long-lasting mobile performance.

- > Stylish, rugged design
- > Low power consumption, strong performance
- > Reads all mainstream 1D/2D Barcodes
- > Fast barcode reading on a mobile phone screen
- > Bluetooth connectivity
- > Find-me functionality
- > Programmable vibrate function
- > Programmable outdoor high-brightness scanning function

Technical Specifications - P55BT

Item		Parameter
Physical Characteristics	Dimensions	103mm x 50mm x 29mm
	Weight	162g
	Battery	2500mAh
Performance Characteristics	Image (Pixels)	640 pixels (H)x 480 pixels (V)
	Light Source	Aiming: 617 nm LED; Illumination: 3500K white LED
	Field of View	40°(H)x31°(V)
	Roll / Pitch / Yaw	Pitch ±65° Yaw 360° Roll ±60°
	Print Contrast	25% minimum reflective difference
	Screen Intensity	30% and above
	Motion Tolerance	up to 2m/s
Symbologies	1D	UPC, EAN, Code128, Code 39, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI Plessey, GS1 DataBar, etc.
	2D	PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec, Hanxin, etc.
User Environment	Operating Temperature	0° to 50° C
	Storage Temperature	-40° to 70° C
	Humidity	5% to 95%, non-condensing
	Drop Specifications	Withstands multiple 1.5m drops to concrete
	Ambient Light Immunity	Immune to normal indoor lighting up to 1600 Lux Immune to sunlight up to 86,000 Lux
Decode Ranges	Code 39 (3.13 mil):	65mm-105mm
	PDF(6.88 mil):	35mm-170mm
	UPC-A 100% (13.3 mil):	50mm-330mm
	Code 39 (5.13 mil):	60mm-155mm
	DM (10 mil):	35mm-190mm
	QR (20 mil):	25mm-300mm
Features	Aiming	Green Line aiming for ease
	Night Mode	Turn on/off haptic feedback and LED
	Location	Single press button find-me feature
	Offline mode	Barcode configurable batch scanning in offline mode
	Connectivity	Directly pairs easily with Bluetooth devices (Windows/ IOS/ Android), or connects via Bluetooth Cradle

* Specifications may change without notification (E&OE).
Performance may be impacted by bar code quality and environmental conditions.