# element™

# Element P50BT
## Cordless 2D Companion Scanner

The **Element P50BT** 2D companion scanner is designed to suit a wide range of applications to assist your mobile workforce. The Element P50BT has an anti-microbial casing, is designed for healthcare workflow with easy pairing with cradle, find-me function (vibrate/sound) and easy reset function to unbind and rebind with other cradles in your workplace environment.

Small, lightweight and easy to hold, the P50BT 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 P50BT 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 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 of a mobile phone screen

> Anti-microbial

> Bluetooth connectivity

> Find-me functionality

> Programmable vibrate function

> Programmable outdoor high brightness scanning function

| Item | | Parameter |
|---|---|---|
| **Physical** | Dimension (mm) | 103mm x 50mm x 29mm |
| | Weight | 162g |
| | Battery | 2500mAh |
| **Peformance** | Image (Pixels) | 640 pixels (H)x 480 pixels (V) |
| | Light Source | Aiming: 617 nm LED; Illumination: 3500K white LED |
| | Field of View | 4 ° (H) x 31° (V) |
| | Roll / Pitch / Yaw | 360°, ±65°, ±60° |
| | Print Contrast | 25% minimum reflective difference |
| | Screen Intensity | 30% |
| **Symbology** | 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. |
| | Motion Tolerance | up to 2m/s |
| **User Environment** | Operating Temperature | 32° to 122° F / 0° to 50° C |
| | Storage Termperature | -40° to 158° F / -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<br>Immune to sunlight up to 86,000 Lux |
| **Decode Ranges** | 5 mil (Code 39) | 60mm -155mm |
| | 13 mil (100% UPCA) | 50mm - 330mm |
| | 1D Minimal Resolution | 3mil |
| **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 |
| **Warranty** | | 24 Months |
| Performance may be impacted by bar code quality and environmental conditions | | |

*\* Specifications may change without notification (E&OE)*