

# Element P130BT

## Handheld Barcode Scanner



The Element P130BT 2D Cordless Bluetooth Barcode Scanner provides high speed, omni-directional reading of 1D, 2D, Postal and OCR barcodes. Its versatility provides a super large field of view and 10-meter Bluetooth working range at open space.

The included upright cradle configuration allows for hands-free operation and presentation mode. Thanks to its ergonomic design, the scanner fits comfortably in user's hands to ensure comfort and productivity in scan intensive applications.

The Element P130BT has the ability to read barcode reliably off cell phone screens and capability to work with Apple iOS, Android, Window PC/tablets. This versatile scanner is designed to meet the varying needs of your scanning applications.

- > High-performance hardware independent decoding technology
- > Long scanning depth of field, suitable for various reading distances
- > Quickly and accurately reads all types of barcodes (including blurry and low contrast barcodes)
- > Solid and durable, 1.5m drop spec
- > Wireless 100m Bluetooth transmission
- > Automatic switch button and self-sensing scanning mode for free-hand scanning to double the efficiency



# Technical Specifications - Element P130BT

| Item   | Parameter   |   |
|--|---|---|
| <b>Scanning Parameters</b>                       | Image Sensor  | CMOS  |
|  | Pixels  | 640×480   |
|  | Lighting  | White LED   |
|  | Focus   | Red LED   |
|  | Symbology   | 2D: PDF417, QR Code, Data Matrix, HanXin, Maxicode, Postal Codes etc<br>1D: Code128, UCC/EAN-1 28, AIM128, EAN-8, EAN-1 3, ISBN/ISSN, UPC-E,UPCA, Interleaved 2 of 5, ITF-6, ITF-4, Matrix 2 of5,Industrial 25, Standard 25, Code39, Codabar, Code 93, Code11, Plessey, MSI-Plessey, RSS-14. RSS-Limited. RSS-Expand etc. |
|  | Recognising Precision   | ≥3mil   |
|  | Recognition DOF   | 5mil code 39: 20-170mm;<br>13mil ENA: 30mm-350mm;<br>20mil QR: 20-200mm;<br>10mil DM: 15-120mm;<br>6.7mil PDF417: 25-150mm  |
|  | Barcode Sensitivity   | Pitch±60°; Tilt 360°; Skew±60°  |
|  | FOV   | Horizontal: 40°, Vertical: 30°  |
|  | Relative Contrast Value   | ≥20%  |
| <b>Physical Parameters</b>                       | Dimensions  | 93×63×166   |
|  | Weight  | 171g  |
|  | Interface Type  | Type-C interface  |
|  | Housing Material  | PC+ABS  |
|  | Prompt Method   | Buzzer, LED indicator   |
|  | System Interfaces   | USB keyboard, USB virtual serial interface, Bluetooth interface   |
|  | Trigger Method  | Key reading, inductive reading and continuous reading   |
| <b>Wireless Parameters</b>                       | Communication Mode  | Bluetooth 5.0   |
|  | Transmission Distance   | 100m (Open area)  |
|  | Battery Capacity  | 2600mA Lithium battery  |
|  | Charging Time   | 6 hours   |
|  | Working Time  | 12 hours (Key scanning 1 time/s)  |
| <b>Electrical &amp; Environmental Parameters</b> | Working Voltage   | 3.7VDC±10%  |
|  | Working Current   | Standby: 40mA; Working: 130mA   |
|  | Working Temperature   | -20~50°C  |
|  | Storage Temperature   | -40~70°C  |
|  | Relative Humidity   | 5%~95%(Non-condensing)  |
|  | Electrostatic protection  | ±8Kv (Contact discharge );±15Kv (Air discharge)   |
|  | Drop Test   | 1.5m  |
|  | Protection Class  | IP42  |
|  | Agency Approval   | CE, FCC, RoHS   |
|  | Accessories (Optional)  | Bluetooth Adapter   |
| Test Conditions                                  | Environmental Temperature=23°C; Environmental Illumination=300LUX Incandescent lamp;<br>Recognition DOF depends on the print resolution of barcode, contrast value and environmental illumination |   |

\* Specifications may change without notification