1D & 2D

Bluetooth

3150mAh Battery

Dual Interface

1.8m Drop

IP65

Long Range Scanning

The BCX-DP-7510-LR-GB, part of the BCX Elite Range, is a high-quality, 2D rugged industrial wireless handheld scanner designed to enhance productivity in demanding environments.

Engineered for high bay storage and general warehouse applications, this scanner excels at reading codes from distances of up to 20 meters, making it an indispensable tool for large-scale operations.

Long-Range Barcode Scanning - The BCX-DP-7510-LR-GB is an ideal solution for high bay storage and general warehouse applications, capable of reading codes from distances up to 20 meters.

Enhanced Usability and Accuracy - Equipped with a crosshatch aimer, this scanner offers effortless usability, while its advanced deep area image recognition algorithm ensures accurate and efficient code scanning.

Continuous Performance - Powered by a 3150mAh hot-swappable battery, the scanner delivers continuous performance without interruption.

Rugged Durability - Built to endure harsh environments, it features IP65-rated protection against water and dust and has been drop-tested from a height of 1.8 meters.

A reliable and rugged work companion that never shies away from the task at hand.

BCX-DP-7510-LR-GB Technical Specification

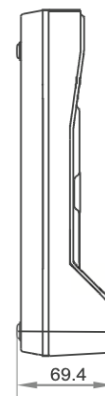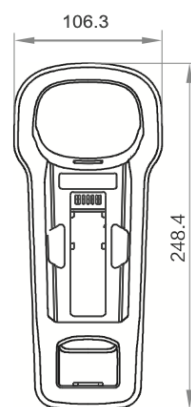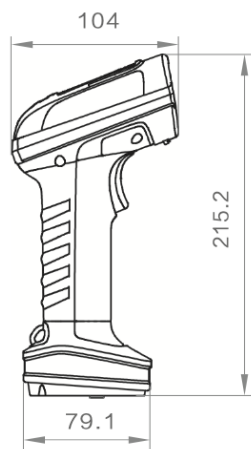|	
Barcode capability	1D: Code 39, Code 93, Code 128, CodaBar, EAN8, RAN13, Matrix 2 of 5, ITF14, UPCA, UPCE etc… 2D: QR Code, Data Matrix etc…
Depth of field	Code 39 (3mil); 15~60mm Code 39 (5mil); 5~80mm Data Matrix (5mil); 10~70mm Data Matrix (10mil); 0~61100mm QR Code 53mil); 10~70mm
Min barcode accuracy	3 mil
Max processing frame rate	50fps
Sensor type	CMOS
Target surface size	1/4"
Image size	3μm x 3μm
Resolution	1280 * 800
Field of view	Horizontal 31° Vertical 20°
Code contrast	20%
Detection angle	Slope ± 60° Skew angle ± 60° Rotation angle 360°
Bluetooth	BT5.0, 2.4-2.4835GHz, BLE
Data Speed	3Mbit/s
Wireless range	Class 1: 100m Class 2: 10m
Battery	3150mAh rechargeable Lithium battery - Hot Swap
Charging Time	4h, adapter charging
Scan Time	23000 times (full power)
Electricity Supply	3.8 VDC (battery)
Maximum Power Consumption	Standby mode: 0.8 W @ 3.8VDC Operating mode: 4.8W @ 3.8VDC Sleep mode: 0.5W @
Focal Length	6.7mm
Lens Interface	M5.8-Mount

BCX-DP-7510-LR-GB Technical Specification cont…

Ambient Light	0 ~ 100000 lux
Light Source	Direct light: White LED Diffuse: Red LED
Sight	Cross laser aimer
Notifications	LED, beep, vibrate
Dimensions	Scanner: 73.4 x 104 x 215.2 (mm) Base: 248.4 x 106.3x 69.4 (mm)
Weight	Scanner: 410g Base: 380g
IP Rate	IP65
Temperature Working Temperature	0 ~ 50°C Stored temperature -30 ~ 70°C Battery charging temperature 0-45°C
Humidity	20% ~ 95%RH no condensation
Drop Height	1.8m
Certification	CE, FCC
Protocol	SmartSDK, TCP Client, Serial, FTP, TCP Server UDP SmartSDK, USB (HID/CDC)
Interface	Fast Ethernet (100Mbit/s), Rs232, DC USB2.0, DC
Powered By	USB: 5V DC DC: 12 ~ 24V DC
Maximum Power Consumption	USB: 7.5W @ 5V DC DC: 7.2W @ 12V DC

Unit:mm