## BC-PDR-202-1D
## BC-PDR-202- 2D optional
## Android Handheld Data Collector

## Highlights:

Android Handheld Data Collector, LTE 4G, Quad-core@1.3GHz processor,
suppport NFC/PSAM, 1D 2D laser barcode scann and QR scann

## Overview:

Based on user-friendly Android® operating system platform, BC-PDR-202 rugged device
management capabilities and invaluable security features, creating an enterprise-ready
solution with an extended lifecycle and support provided.

For demanding mobile workforce applications that require multiple tasks to be completed
in a limited amount of time, the BC-PDR-202 for Android  enables multi-purpose comput-
ing, communication, and data collection at desktop-like speed, empowering workers to
get the job done.

Mobile workers need compact, lightweight devices that are designed for durability and
usability. the field-proven BC-PDR-202 for Android   provides  unsurpassed reliability,
without the extra bulk that often accompanies industrial-grade mobile computers.

A large, high-resolution screen,   Multiple keypad options allow enterprises to choose the
layout that best suits the needs of their mobile workforce,maximizes productivity.

Fast and Reliable mobile networks,BC-PDR-202 coverage all the world,support  LTE
/WCDMA/CDMA/GSM, anywhere allowing real-time access to critical data



## Features:

- **Based on android® Operating System:**
Based on android 5.0 platform, user-friendly interface, and a long lifecycle that matches that of
the traditional BC-PDR-201
- **Fast and Reliable Wireless Connectivity:**
Delivers full wireless coverage for applications inside and outside of the four walls, allowing real-
time access to critical data
- **Light weight and Compact Design:**
Reduces user fatigue by offering all of the functionality needed in an easy-to-carry form factor
- **Powerful Processor and Network Connections:**
Delivers fast business transactions, allowing workers to complete multiple tasks quickly
- **Superior 4.0˝ Outdoor-Viewable VGA Display:**
Allows mobile workers to seamlessly interact with data in virtually any lighting condition
- **Technologies  Support:**
Provide  functions test demo and the SDK code very easy to developed your Application .
- **Rugged and Reliable:**
Durable construction and sealing deliver reliable operation and maximize worker uptime

## Mechanical

| | |
|---|---|
| Dimensions | 162mm×70mm×31mm |
| Weight | 345g  without accessories |

## Environmental

| | |
|---|---|
| Operating Temperature | -10° to 50°C (14° to 122°F) |
| Storage Temperature | -20° to 70°C (-13° to 158°F) |
| Humidity | 0 to 95% relative humidity (non-condensing) |
| Tumble | Designed to withstand up to 1,600 (1m) tumbles per IEC 60068-2-32 specification |
| Environmental Sealing | Independently certified to meet IP64 standards for moisture and particle intrusion |

## System Architecture

| | |
|---|---|
| Processor | 28nm ARM Qual-core cortex A53 @1.3-1.5GHz |
| GPU | Mali-T720 |
| Memory RAM | 1GB/2GB |
| Storage | eMMC 8G/18GB  and Support Max64GB SD card |
| Display | 4.0inch 480*800 high resolution, full axis viewing IPS LCD With Industrial touch panel |
| Keypad | 23 physical  Keyboards |
| Camera | Front 2.0M and Real 5.0M AF camera |
| Battery | Internal 4000mAH rechargeable high-performance  battery |
| Interface | Micro SIM*1/PSAM*1/TF card *1/RS232*1/Type-c*1 |
| Platform | Android 5.1 |

## Communicate

| | |
|---|---|
| GSM/GPRS/EDGE | 850/900/1800/1900MHz |
| 3G Network | CDMA/EVDO/WCDMA/TD-SCDMA |
| LTE  4G network | LTE-FDD:B1/ B3/ B7/B8/B28 and LTE-TDD:B38/B39/B40/B41 |
| Wi-Fi | IEEE 802.11 b/g/n |
| Bluetooth | BT4.0 |
| GPS | Integrated autonomous GPS receiver with built-in Assisted-GPS (A-GPS) services and software utilities |

## Data Collection

| | |
|---|---|
| 1D barcode | Symbol Technologies laser Scan Engine |
| | UPC/EAN, Code128, Code39, Code93, Code11,Interleaved 2 of 5, Discrete 2 of 5,, Codabar, MSI, RSS,etc |
| 2D QR | Pro CCD Scan Mobile Engine |
| | PDF417/ MicroPDF417/ Composite/ TLC-39/Datamatrix/ QR/ code/ Micro/ QR/ code / Aztec/MaxiCode;/ Postal/ Codes:/ US/ PostNet/ US/ Planet/UK/Postal/Australian/ Postal/Japan/Postal |

## NFC

| | |
|---|---|
| Frequency | Frequency |
| W/R Tag | 13.56MHz |
| | ISO/IEC 14443A/B,ISO15693,Mifare,Felica |

BLACK COPPER
upgrades network