

## ■ Communication Performance

- | 4G LTE, Global band
- | Enhanced the design of WIFI FEM increased the 20% of signal coverage
- | Bluetooth 5.0, low power, long distance perfect matching wireless printer

## ■ Scanning Performance

- | New generation slim 2D imager scan engine
- | Support megapixel versions
- | Licensed Datalogic decoding technology

## ■ Industrial Protection

- | IP65 industrial protection
- | Optimized structure for battery to ensure slim form factor

## ■ Unique Product Characteristics

- | Quad Core processor, long life cycle
- | Support Android 9 and Android 10 upgrades
- | Large battery capacity but refined power consumption, 3 hours charging time but 15 hours working duration, 25days standby duration
- | Free to install APPLOCK, Easy Deploy and other system management software for efficient management and deployment
- | Accurate Reading Ability, only decode barcode label that's close to the center of the aiming pattern, even when many labels are crowded

# M82

## Full Touch PDA



## Performance Parameter

|   |  |
|---|--|
| OS  | Android 9  |
| CPU                                       | 2GHz, Quad/Octa Core, 12nm   |
| MEMORY                                    | 2+16/3+32  |
| Extend Slot                               | MicroSD, support SDHC, up to 64GB<br>One micro SIM connector                 |
| PC Communication                          | USB 2.0 OTG : Type-C; Support Type-C Headset                                 |
| Sensors                                   | Light, Proximity, 3D G sensor, Hall, E-compass                               |
| LED                                       | Charging, Scan and System status   |
| Charging Time                             | 3 hours  |
| Operating Duration                        | 15 hours   |
| <b>Data Collection</b>                    |  |
| Scan Engine                               | Mobydata E3200-LE/E3250  |
| 2D  | Aztec Code; China Han Xin Code; Data Matrix; MaxiCode                        |
|   | Micro QR Code; QR Code; EAN/JAN Composites; GS1 DataBar Composites           |
|   | GS1 DataBar Expanded Stacked; GS1 DataBar Stacked                            |
|   | GS1 DataBar Stacked Omnidirectional; MacroPDF                                |
| 1D  | MicroPDF417; PDF417; UPC A/E Composites                                      |
|   | Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes |
| Post                                      | Australian Post; British Post; China Post; IMB; Japanese Post                |
|   | KIX Post; Korea Post; Planet Code; Postnet; Royal                            |
|   | Mail Code (RM4SCC)   |
| NFC                                       | 13.56MHz NFC   |
| <b>Wireless Connectivity</b>              |  |
| WLAN                                      | 802.11 ac/a/b/g/n  |
| WWAN                                      | TDD-LTE (B38/B39/B40/B41)  |
|   | FDD-LTE (B1/B3/B7/B8)  |
|   | UMTS/HSDPA/HSPA/HSPA+ (900/2100 MHz)   |
|   | GSM/EDGE/GPRS (900/1800MHz)  |
| VoLTE                                     | LTE CAT6   |
| CA  | Downlink 300Mbps, B1/B3/B7/B40/B41   |
| WPAN                                      | BT 5.0/BLE   |
| GPS                                       | GPS/A-GPS, GLONASS, Beidou, Galileo  |
| <b>Physical Specifications</b>            |  |
| LCD                                       | 5.0 inch, IPS, HD 1280*720, visible under sunshine                           |
| Touch                                     | GFF Captive Touch  |
| Camera                                    | Auto focus 13Mega, with flash LED  |
| Keypad                                    | Left/Right Scan Key, power key   |
|   | Back, Home, Switch   |
| Receiver                                  | Support  |
| Speaker                                   | Min 90db at 10cm-1KHz Voice  |
| Mic                                       | Noise Reduction Mic  |
| Charging IO                               | USB Type-C   |
|   | Charging Pad   |
| Battery                                   | 4000 mAh   |
| Dimension                                 | 158mm×76.2mm×12.6mm  |
| Weight                                    | 226g   |
| <b>Environmental Specifications</b>       |  |
| Operating Temperature                     | -20°C ~ +50°C  |
| Storage Temperature                       | -30°C ~ +70°C  |
| Humidity                                  | 10% ~ 90%  |
| Drop                                      | 1.5m, concrete   |
| Tumble                                    | 300hits, 0.5m, Steel   |
| IP  | IP65   |
| ESD                                       | ±8kV Contact, ±15kV Air  |
| Keypad lifecycle                          | 500K   |
| <b>Accessories</b>                        |  |
| Charging Cradle                           | Support 1 device   |
| <b>Gift Box</b>                           |  |
| Device, Battery, QSG, Adapter, USB cable. |  |

