

PWS-470

5" Rugged Handheld



Features

- Cortex-A7, Quad-Core processor, 1.2 GHz; support Android 4.2.2
- 5" HD (1280 x 720) capacitive multi touch screen
- Complete communication: Wi-Fi / Bluetooth/ GPS/BeiDou/ WWAN (3.75G)
- Data collection: 1D/ 2D barcode scanner / 8M pixel auto-focus Camera/ NFC RFID reader
- Lightweight, 295g
- IP65-certified, -20 ~ +60° C



Introduction

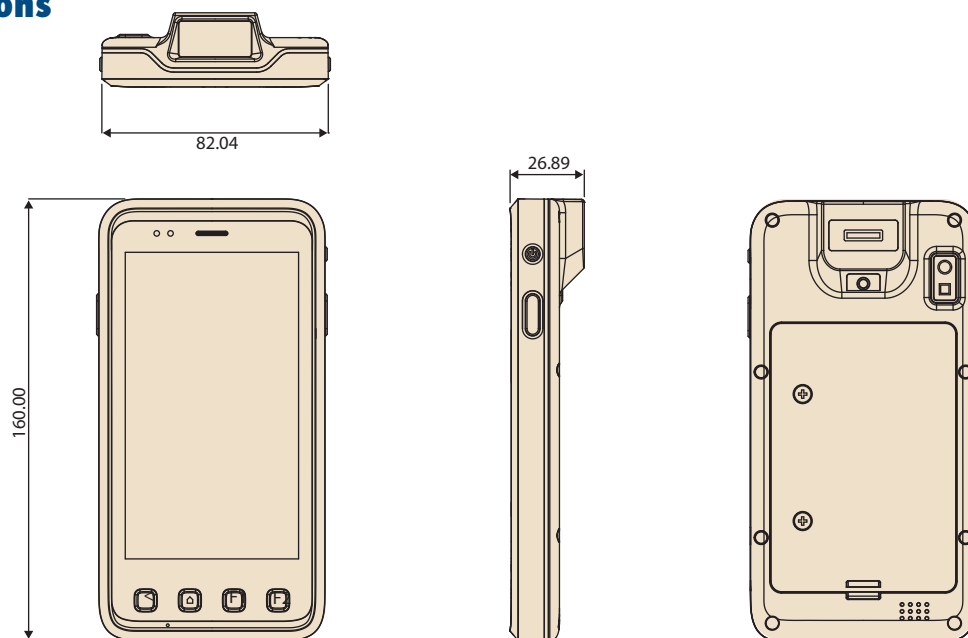
PWS-470 is a rugged handheld computer featuring a 5" HD (1280 x 720) resolution panel and a Cortex-A7, quad-core 1.2 GHz processor. It comes with 802.11 b/g/n WIFI, Bluetooth, GPS, and WWAN features and also provide complete data collection features like 1D/2D barcode scanner, 8M pixel auto-focus camera, and NFC RFID reader. It carries an IP65 rating for protection against dirt, dust, and water and can survive in wide temperature environment from -20 to 60° C. The PWS-470 is a perfect device for application in such as retail, warehousing, manufacture, utility, land surveying, and SFA (sales forces automation).

Specifications

| | | |
|---------------------|---------------------------------|--|
| Processor | CPU | Cortex-A7, quad-core processor, 1.2 GHz |
| OS | | Support Android 4.2.2 |
| Memory | | 1 GB |
| Storage | | 8 GB |
| Audio System | | Speaker, Microphone, 3.5mm headset jack |
| Display | Size / Type | 5" color touch screen, IPS panel |
| | Max. Resolution | HD (1280 X 720) |
| | Brightness (cd/m ²) | 450 cd/m ² LED back light |
| Touch Panel | | Capacitive multi touch screen |
| Application Buttons | | Power button x 1 |
| | | Scanner trigger buttons x 2 |
| | | Function keys x 4 |
| I/O Port | | 1 x MicroSD (up to 32GB) |
| | | 1 x MicroUSB 2.0 client (via Charging cable) |
| Communication | WLAN | Internal 802.11b/g/n WLAN module |
| | Bluetooth | 3.0HS+4.0LE |
| | GNSS | High performance GPS/BeiDou chipset |
| | WWAN | WCDMA, 3.75G, support HSPA |
| Data Collection | | 1D/2D barcode scanner and 8M pixel auto-focus camera NFC, 13.56MHz RFID Reader (optional) |
| Dimensions & Weight | | 16 x 8.2 x 1.8 cm, 295 g (with battery) |
| Power | Battery | Li-Polymer battery, 4.2V@3200 mAh |
| Environment | Operating Temperature | -20 ~ +60° C |
| | Storage Temperature | -30 ~ +70° C |
| | Operating Humidity | 5% ~ 95%, non-condensing |
| IP Certification | | IP65 |
| Package Bundle | | PWS-470 |
| | | Li-Polymer battery |
| | | Battery cover |
| | | Power Adapter (5V, 1A) |
| | | MicroUSB data power cable |
| | | Screw holes rubber mat |
| Certifications | | Battery cover screws |
| | | CCC |

Dimensions

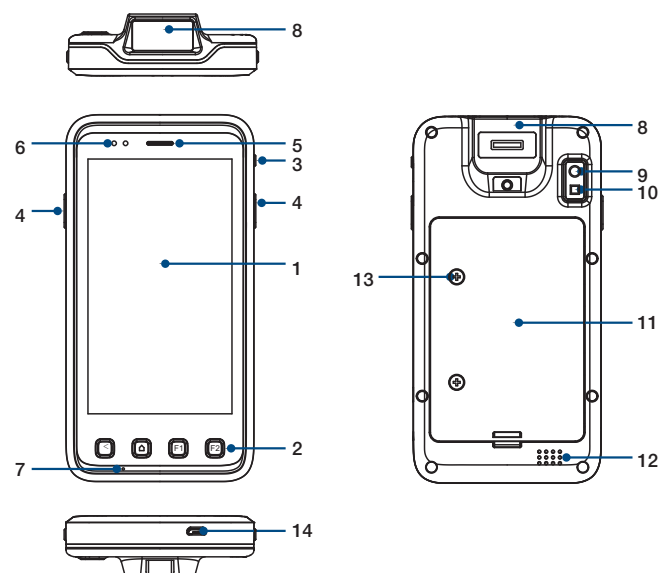
Unit: mm



Ordering Information

| Part Number | Description |
|--------------|---|
| PWS-470-C10E | PDA/HANDHELD, 5" ANDROID PAD QUAD-CORE 1.2GHZ/1G RAM |
| PWS-470-C20E | PDA/HANDHELD, 5" ANDROID PAD QUAD-CORE 1.2GHZ/1G RAM W/O 2D |

I/O Connectors



1. Touch screen
2. Function keys
3. Power button
4. Scanner trigger buttons
5. Receiver
6. LED
7. Microphone

8. Barcode scanner
9. Camera
10. LED Flash
11. Battery cover
12. Speaker
13. Battery cover screws
14. MicroUSB port

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