



# UROVO DT66

Specifications



UROVO Technology Co., Ltd.



## Specifications

|                      |                    |                                                                                                                                              |
|----------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Performance          | Model              | UROVO DT66                                                                                                                                   |
|                      | O.S.               | Android 13.0 GMS/AER                                                                                                                         |
|                      | Processor          | Octa-core 2.4GHz                                                                                                                             |
|                      | Memory             | RAM: 4GB , ROM: 64GB<br>RAM: 8GB , ROM: 128GB (Optional)                                                                                     |
|                      | Extended memory    | Micro-SD card, Up to 256 GB                                                                                                                  |
| Basic specifications | Dimensions         | 175.8 mm L x 76.5 mm W x 14.5 mm D                                                                                                           |
|                      | Weight             | About 265g                                                                                                                                   |
|                      | Display            | 6.5 inch display, 720*1600                                                                                                                   |
|                      | Touch Screen       | Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers                                               |
|                      | Main battery       | Capacity: 3.85V 5000mAh , support hot swap in 30s.                                                                                           |
|                      | Charging time      | 5V2A, Less than 4 hours (room temperature)(18W QC optional)                                                                                  |
|                      | Buttons            | PWR button, Vol+/- button, scan button*2, custom button                                                                                      |
|                      | Camera             | Front: 5MP FF , Rear: 13MP PDAF<br>Optional ITOF camera                                                                                      |
|                      | Sensors            | Light + Accelerator+ Proximity + Geomagnetic + Gyro+Pressure(optional)                                                                       |
|                      | Fingerprint        | Capacitive Fingerprint to unlock the device(optional)                                                                                        |
|                      | Scanning           | Professional scan engine :Standard / Advanced Range<br>Support international standard 1D/2D barcode;<br>Support barcode displayed on screen; |
|                      | Slots              | Nano- SIM x 2,TF card x 1,(Reserved support eSIM )                                                                                           |
|                      | Audio              | Dual-Microphone with noise cancellation, 1.5W Speaker for loud noise , receiver supports echo cancellation                                   |
| Network Connections  | Interfaces         | USB Type-C, Pogo-pin                                                                                                                         |
|                      | Positioning        | GPS, BEIDOU, GLONASS, Galileo, QZSS(positioning accuracy 5m)                                                                                 |
|                      | WWAN               | 5G/4G/3G/2G                                                                                                                                  |
|                      | Bluetooth          | BT5.2 + BR/EDR + BLE                                                                                                                         |
| Environment          | Wi-Fi              | Wi-Fi6E, 2.4G/5G, IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax<br>Roaming: 802.11r (Over the Air);OKC;/PMKID caching                             |
|                      | Operating Temp.    | -20°C to 60°C                                                                                                                                |
|                      | Storage Temp.      | -40°C to 70°C                                                                                                                                |
|                      | Humidity           | 5%RH ~ 95%RH (No condensation)                                                                                                               |
|                      | Drop Specification | Multiple 5 ft./1.5 m drop to concrete at room temperature                                                                                    |
|                      | Tumbling           | 400 tumbles, 3.2 ft./1.0m                                                                                                                    |
|                      | Sealing            | IP67                                                                                                                                         |
|                      | ESD                | +/-15kv Air; +/-8kv contact                                                                                                                  |



## Data Capture Specifications

### 1) Camera

| Rear Camera  |                                               |
|--------------|-----------------------------------------------|
| functions    | Flash light,Phase Detection Auto-focus, Video |
| Pixels       | 13MP PDAF                                     |
| Front Camera |                                               |
| Pixels       | 5MP FF, 1080p video recording                 |

### 2) Scan Engine

|                   | 2D Imager Engine Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scan Angels Tilt  | 360°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Scan Angels Pitch | ±60°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Scan Angels Skew  | ±60°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Barcodes support  | Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data Bar<br>2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417<br>2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code<br>Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet |

### 3) RFID(HF)

| RFID          | HF                                                 |
|---------------|----------------------------------------------------|
| Protocol      | ISO15693, ISO14443 A/B , Mifare, Felica            |
| Frequency     | 13.56MHz                                           |
| Mode          | Card Emulation, Peer-to-Peer, Reader               |
| Reading Range | Read distance 0-6cm (ISO15693), 0-4cm(ISO14443A/B) |

## Network Connections

### 1) Positioning

| Positioning     | Specification                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| Mode            | GPS, BEIDOU, GLONASS, Galileo, QZSS                                                                               |
| Frequency       | GPS ( L1 1.575GHz C/A code) , BEIDOU ( B1 1.561GHz) , GLONASS(L1 1.602GHz), Galileo (E1 1.589 GHz / E2 1.561 GHz) |
| Cold start time | Less than 40s                                                                                                     |
| Max channel     | 31 channel                                                                                                        |
| sensitivity     | -130dB(SNR value 40dBHz)                                                                                          |
| Precision       | 5-10 Meters (open space)                                                                                          |



## 2) Wireless LAN

| WLAN                    | Specification                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protocol                | IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w/ax (2.4G/5G dual band WIFI) , Wi-Fi 6E , 2x2 MU-MIMO                                                                                                                                                                                                                                                   |
| Frequency               | 2.4G/5G                                                                                                                                                                                                                                                                                                                                      |
| Working Channels        | CH1~CH13, CH34-CH140, CH149~CH165, depends on country (region)                                                                                                                                                                                                                                                                               |
| Security and Encryption | WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP, and AES); WPA3 Personal (SAE); WPA/WPA2 Enterprise (TKIP and AES); WPA3 Enterprise (AES)— EAP-TTLS (PAP, MSCHAP, MSCHAPv2); EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC, LEAP, EAPPWD); WWAN device only — EAP-SIM, EAP-AKA; WPA3 Enterprise 192-bit mode (GCMP256) — EAPTLS; Enhanced Open (OWE) |
| Fast roaming            | PMKID caching; Cisco CCKM; Support 802.11r (Over-the-Air); OKC, support Fast Transition, roaming threshold can be set                                                                                                                                                                                                                        |

## 3) Wireless WAN

| WAN                            | Specification          |                                                                                          |
|--------------------------------|------------------------|------------------------------------------------------------------------------------------|
| Mode                           | Dual-SIM, Dual-Standby |                                                                                          |
| Frequency Band (Europe & Asia) | 5G                     | N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79                                           |
|                                | 4G                     | LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28A/B28B; LTE-TDD: B34/B38/B39/B40/B41/B42/B43; |
|                                | 3G                     | WCDMA(B1/B5/B8)<br>CDMA2000 1x EV-DO Rev.A BC0 (800MHz)                                  |
|                                | 2G                     | CDMA1x<br>GSM/EDGE/GPRS(850/900/1800)                                                    |
| Frequency Band (NA)            | 5G                     | N2/N5/N7/N12/N13/N25/N26/N38/N41/N66/N71/N77/N78                                         |
|                                | 4G                     | LTE-FDD: B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71; LTE-TDD: B38/B41/B42/B43;              |
|                                | 3G                     | WCDMA(B2/B4/B5)<br>CDMA2000 1x EV-DO Rev.A BC0 (800MHz)                                  |
|                                | 2G                     | CDMA1x<br>GSM/EDGE/GPRS(850/1900)                                                        |

## 4) Wireless PAN

| BT    | Specification        |
|-------|----------------------|
| Mode  | BT5.2 + BR/EDR + BLE |
| Range | More than 10 Meters  |



## Optional Accessories

|                    | Type                                                                                                                                         |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Standard Accessory | Power Adapter x1, Type-C cable x1, 5000mAh battery x1, Instructions & Safety information & Warranty card x1                                  |
| Accessory          | Single Charge cradle, Multi-slot charge cradle, Hand strap, Scan Trigger<br>RFID Gun grip, Boot case, Screen Protector, Holster, Wrist strap |