

VES-L1002

10.1" MTK MT6771 2.0GHz Rugged Tablet

Features

- 10.1" WXGA (1280x800) 450/1000 nits TFT LCD
- MTK MT6771 2.0 GHz
- WiFi 802.11a/b/g/n/ac, Bluetooth v2.1+EDR/v3.0+HS/v4.1 LE, LTE
- Standard NFC, optional 1D/2D Barcode Scanner, RFID, ID card
- Up to 3 GNSS, GPS+Glonass+Galileo/BD
- RS-232 COM Port+10/100/1000 GbE RJ45
- Built-in 10000mAh removable battery
- IP67 Compliant, Drop 1.2m
- Android 11 OS

Appearance



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Revision Table

| Date | Revision | Content | By |
|-----------|----------|-------------|-----|
| 2024/9/25 | 0.1 | First Draft | Zoe |

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Specification

| | |
|------------------------|---|
| System Hardware | |
| CPU | MTK MT6771 Octa-core 2.0GHz |
| Memory | 4GB |
| Storage | 64GB |
| Camera | 5MP front camera with fixed focus 13MP rear camera with auto focus and LED light |
| Speaker | Dual speaker, 1.2W/8Ω |
| MIC | Dual MIC |
| Earpiece | Waterproof earpiece |
| Button | Power button, Volume +/-, Customize function key Barcode scanner shortcut key |
| LED Indicator | Charging indicator |
| Sensor | G-sensor, Gyroscope, E-compass, Distance sensor, Motor, Light sensor |
| Display | |
| LCD Type | 10.1" TFT-LCD |
| Resolution | 1280*800 or 1920*1200 |
| Cover Glass | Corning Gorilla Glass III, hardness 7H, light transmittance 85% |
| Luminance | 1280*800 450 nits or 1000 nits 1920*1200 800nits |
| Touchscreen | 5-Point capacitive touch screen Optional AG+AF or AG+AF+Wet Hand/Glove |
| OS | |
| OS | Android 11 |

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Specification

| I/O Interface | |
|---------------|--|
| POGO PIN | 1*POGO PIN(USB+Charging) |
| USB | 1*USB Type C(USB OTG+Charging) 1*USB 2.0, TYPE A |
| Video | 1*mini HD |
| Audio | 3.5mm Headphone Jack |
| DC Jack | 1*DC Jack |
| LAN | 1*RJ45 |
| COM Port | 1*RS232 |
| SIM Card Slot | 1*Micro SIM Card Slot |
| TF Card Slot | 1*TF Card Slot, up to 256GB |
| Aviation Plug | Expansion 1*CAN |
| Communication | |
| WWAN | GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 TD-SCDMA: B38/B39/B40/B41 CDMA2000 LTE-FDD: B1/B2/B3/B4/B5/B7/B8 LTE-TDD: B38/B39/B40/B41 WIFI Bluetooth GNSS 802.11a/b/g/n/ac, 2.4G+5G Dual-band WIFI Bluetooth v2.1+EDR/v3.0+HS/v4.1 LE MT6631 GPS+BD+GLonass |

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Specification

| | |
|---------------------------|--|
| WIFI | 802.11a/b/g/n/ac, 2.4G+5G Dual-band WIFI |
| Bluetooth | Bluetooth v2.1+EDR/v3.0+HS/v4.1 LE |
| GNSS | MT6631 GPS+BD+GLonass |
| Extended Functions | |
| NFC | 13.56MHz, support 14443A/14443B/15693 |
| RFID | Optional RFID/HF RFID/UHF RFID |
| ID Card Recognition | Optional ID card recognition module |
| Barcode Scanner | Optional 1D/2D barcode scanner, 2 choose 1 |
| Power | |
| Power Input | 5V DC Input, 5V/3A power adapter Optional 5~24V DC power input, no built-in battery power supply |
| Battery | 10000mAh, removable 3.8V Li-Ion battery |
| Battery Life | 10 hours (Play 1080P video under LCD 50% backlight) |
| Certificate | |
| Certificate | CE 、 ROHS 、 UN38.3 、 MSDS 、 IEC62133 |
| Mechanical | |
| Dimension (W x H x D) | 274*181*23mm Optional UHF RFID module, thickness increases 9.5mm |
| Accessory | |
| Accessory | Hand strap, 5V/3A power adapter |
| Optional Accessory | Office docking, Vehicle stand, Vehicle charger, Passive stylus pen, Type-C data cable, Type-C OTG cable, USB-DC cable, CAN BUS |

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Environment Compliance

| | |
|-----------------------|------------------------------------|
| Drop | 1.2m free fall to the wooden floor |
| IP Rating | IP67 |
| Operating Temperature | -10°C~50°C |
| Storage Temperature | -30°C~70°C |

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Deliverables

| | |
|----|-------------------------------|
| 1 | 10.1" Rugged Tablet |
| 2 | Hand strap |
| 3 | 5V/3A power adapter |
| 4 | Office docking (Optional) |
| 5 | Vehicle stand (Optional) |
| 6 | Vehicle charger (Optional) |
| 7 | Passive stylus pen (Optional) |
| 8 | Type-C data cable(Optional) |
| 9 | Type-C OTG cable (Optional) |
| 10 | USB-DC cable (Optional) |
| 11 | CAN BUS cable (Optional) |

Ordering Information

| Model Name | Description | Unit |
|-----------------------------|--|------|
| VES-L1002 | 10.1" MTK MT6771 2.0GHz Rugged Tablet, Hand strap, 5V/3A power adapter | 1 |
| Optional Accessories | | |
| VES-L1002-OD | Office docking | 1 |
| VES-L1002-VS | Vehicle stand | 1 |
| VES-L1002-VC | Vehicle charger | 1 |
| VES-L1002-PSP | Passive stylus pen | 1 |
| VES-L1002-TCDC | Type-C data cable | 1 |
| VES-L1002-TCOC | Type-C OTG cable | 1 |
| VES-L1002-UDC | USB-DC cable | 1 |
| VES-L1002-CB | CAN BUS cable | 1 |