



**The 8 inch Rugged & Slimline Tablet for Transport**

# MDT-801

Custom designed to meet the needs of the transport market

Including Desktop/Vehicle Cradle



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|---|---|---|---|
| <br><b>OS</b><br>Android 14 or 12           | <br><b>Performance</b><br>2.0 GHz Octa-Core Processor | <br><b>Connectivity</b><br>4G / WiFi / BT                                     | <br><b>Battery</b><br>Long-lasting 8000mAh battery                        |
| <br><b>Operating Temp.</b><br>-20°C to 60°C | <br><b>Camera</b><br>20MP Rear Camera                 | <br><b>Display</b><br>8" IPS Display (1280x800) (Optional: 1000 Nits display) | <br><b>Drop Resistance</b><br>Multiple 1.5m (5 ft) drops per MIL STD 810G |

- RJ45/M12 x 1
- RS232 x 2
- RS485 x 2
- GPIO x 4
- USB A x 2
- USB C x 1

**Video input** (Support 1 AHD or analog camera)  
**Camera Hub** (Support up to 4 1080p camera input and with HDD loop recording capacity)

**Including Free PaceBlade MDM License**

- Remote firmware upgrades
- Remote software upgrades / deployment
- Remote configuration management
- Kiosk Mode



## Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0GHz Octa Core Processor
OS	Android 14 or 12 (GMS/Non GMS)
Memory	4GB LPDDR4 X 64GB eMMC
PHYSICAL CHARACTERISTICS	
Dimensions	207mm L x 138mm W x 17mm D
Weight	604g
Display	8inch, IPS panel (1280 x 800 pixel) 400cd/m <sup>2</sup> Optional: 1000 Nits display
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Lithium-ion 8000mAh Smartbattery with I <sup>2</sup> C chip
Expansion Slot	User accessible micro SD card slot (standard supports up to 128GB)
SIM	1x eSIM w/SGP.32 v1.2, GSM certified / 2x Nano-SIM
Interface	Docking Connector (18-pin) 1x USB Type C 2.0 OTG 1x 3.5mm Audio Headphone Jack 2x USB Type A 2.0 OTG on the cradle 1x RJ45/M12 Connector on the cradle 1x Type C on the cradle for power supply
Notification	Audible tone, Charging Status LED
Voice Audio	Speaker, microphone, headphone
Keypad	On-screen keypad
WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	GSM: 850/900/1800/1900MHz WCDMA: B1/B2/B4/B5/B8 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B28 LTE TDD: B38/B40/B41
GNSS	GPS, GLONASS, GALILEO + External MMCX Antenna
WIRELESS LAN	
Radio	802.11 a/b/g/n/ac; 802.11 d/e/ h/i/j/k/r/v/w
Data Rate	5GHz: 802.11a/n/ac – up to 500 Mbps; 2.4GHz: 802.11b/g/n – up to 144Mbps
Security and Encryption	WFA WPA/WPA2 Personal, AES-CCMP, WPI-SMS4, GCMP, WPS2.0, WAPI (hardware)

WIRELESS PAN	
Bluetooth	v2.1+EDR, v3.0+HS, v4.1+HS, v5.0+LE
WIRED LAN	
Ethernet	Support (w/Cradle)
DATA CAPTURE	
Scanner (Optional)	1D&2D Imager Add-On Module (SE4107)
Camera	Rear camera 20MP AF with LED flash
Video Input (Optional)	Support one channel AHD 720P,1080P and analog camera (w/Cradle) Support four channels AHD 720P,1080P and analog camera (w/Camera Hub)
NFC	Supported TAG-ICs: MIFARE Classic 1k/4k/Plus, MIFARE UltraLight MIFARE UltraLight C, MIFARE DESFire MIFARE DESFire Ev1, ISO 14443 A & B ISO 15693
Serial Communication	2 x RS232 2 x RS485
SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyroscope
USER ENVIRONMENT	
Operating Temp.	-20°C to 60°C
Storage Temp.	-20°C to 70°C
Humidity	85%RH @ 60°C to -10°C
Drop Spec.	1.5m / 5 ft. to drop per MILSTD8 10G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge
ACCESSORIES	
<b>Standard Accessories:</b> USB Cable, Metal Screw Mount, Vehicle Cradle/Desktop Cradle, Power supply cabling, Handstrap.	
<b>Optional Accessories:</b> Barcode Scanner Module (Add-on), Analog Camera, Camera Hub Kit, Wall Mount Cradle, Sunshield Cap, Metal Bracket Waterproof Cradle, LoRa Module, CAN BUS, GPS Antenna, Cigarette Lighter Adapter, Screen Protector, and more.	

\* Specification is subject to change.

