Android Rugged Mobile Phone

MDT665



The Best Rugged Smart Phone for Tough Field Work

OS
Android 14

Performance
Octa-Core Processor

Wireless
WiFi,Bluetooth

Battery
Long-lasting 4000mAh

Operating Temp
-20℃ to 60℃

Camera
20MP Autofocus with flash
8.0 MP Front camera

Display
5.7 inch
(720 × 1440)

Drop Resistance
Multiple 1.2m(4 ft)
(drops per MIL STD 810H)

Cradle Design
RS232 interface



RFID
Back access, easy for login

Network
2G / 3G / 4G with voice; Proven reliable network connection

Extended Features
Barcode reader



MDM Remote Control Server
Topicon's device management server is developed to allow customer to update different firmware and make kiosk mode

MDM server function:

- BOOT ANIMATION
- INSTALL APK
- ADD APN
- DEFAULT SETTING
- CUSTOMIZED BUTTON

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Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0GHz Octa Core Processor
OS	Android 14 with GMS or without GMS
Memory	4GB LPDDR4X
	64GB eMMC
PHYSICAL CHARACTERISTICS	
Dimensions	161.5mm L x 77.5mm W x 14.5mm D
Weight	265g
Display	5.7inch, IPS panel (720 x1440 pixel)
Touch Panel	Capacitive multi-touch / Glove, Wet, Stylus
Backlight	LED Backlight
Power	Battery 3.7V 4000mAh
Expansion Slot	Micro SD card slot
	Support up to 128GB
SIM	Dual-SIM card slot
Interface	Docking Connector (8-pin)
	USB Type C 2.0 OTG
Notification	Audible tone
Voice / Audio	Speaker, Microphone, headphone
Keypad	On-screen keypad
WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	2G-GSM: 850, 900, 1800, 1900
	3G-WCDMA: B1, B2, B4, B5, B8
	4G-LTE FDD:B1,B2,B3,B4,B5,B7,B8,B12,B17,
	B20,B28,B66
	4G-LTE TDD:B40,B38,B41
GNSS	GNASS, GLONASS, GALILEO
WIRELESS LAN	
Radio	802.11 a/b/g/n/ac;
	802.11 d/e/h/i/j/k/r/v/w
	IPv4, IPv6
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	V5.0
DATA CAPTURE	
Scanning (Optional)	1D&2D Imager (w/Smart Plug)
Camera	Rear: 20MP Autofocus
	Front: 8MP Fixed Focus
NFC	ISO 15693, MiFare, DesFile
Serial Communication	RS232 (default with docking station)
SENSOR	
Ambient	Light sensor, Proximity sensor
Motion	Accelerometer, E-Compass, Gyroscope
USER ENVIRONMENT	
Operating Temp	-20℃ to 60℃ / -4°F to 140°F
Storage Temp	-20℃ to 70℃ / -4°F to 158°F
Humidity	90% non-condensing
Drop Spec	1.2m / 4 ft. to drop per MIL STD 810H
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge

OPTIONAL ACCESSORIES

Vehicle docking station
Motorcycle docking station

OPTIONAL FEATURES

FM broadcasting
Fingerprint

* Specification is subject to change.

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