



PACEBLADE
SMART SOLUTIONS 2 GO 4



**EMC
ECE R10**

**2 YR
Warranty**

8 INCH RUGGED TABLET WITH PROVEN RELIABILITY



MDT-870

Custom designed to meet the needs of the transport market



OS

Android 14



Performance

2.0 GHz Octa-Core
64GB / 4GB RAM



Connectivity

4G / WiFi / BT



Battery

6300mAh battery



Operating Temp.

-20°C to 60°C



Camera

20MP Rear Camera



Display

8" IPS Display



Drop Resistance

Multiple 1.2m (4 ft)
drops per MIL STD 810G

Cradle design

RJ45 Ethernet, RS232 interface and OTG supported



USB OTG or Charging Video Input

Support 1-4 AHD 720P,1080P or
analog camera(w/Camera Hub)



RS232 × 1 RJ45 Ethernet × 1 Video Input

Support 1 channel AHD 720P,1080P
or analog camera(w/Cradle)

Including Free PaceBlade MDM License

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



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Specification

PERFORMANCE CHARACTERISTICS	
CPU	2.0GHz Octa Core Processor
OS	Android 14 - (GMS/Non GMS)
Memory	4GB RAM LPDDR4X 64GB eMMC
PHYSICAL CHARACTERISTICS	
Dimensions	230mm L x 169mm W x 33mm D
Weight	780g
Display	8inch, IPS panel (1280 x 800 pixel)
Touch Panel	Capacitive Multi-Touch / Glove, Wet & Stylus Input
Backlight	LED Backlight
Power	Rechargeable Lithium-ion Battery 3.7V - 6300mAh
Expansion Slot	User accessible micro SD card slot (standard supports up to 128GB)
SIM	1 x Standard SIM
Interface	Docking Connector (18-pin) 1x USB Type C 2.0 OTG 1x 3.5mm Audio Headphone Jack 1x Mini USB 2.0 on the cradle 1x RJ45 Connector on the cradle cabling
Notification	Audible tone, Charging Status LED
Voice Audio	Speaker, microphone, headphone
Keypad	On-screen keypad
WIRELESS WAN DATA AND VOICE COMMUNICATION	
Radio Frequency	2G-GSM: 850/900/1800/1900MHz 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	GPS, GLONASS, GALILEO
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	V5.0
WIRED LAN	
Ethernet	Support (w/Cradle)
DATA CAPTURE	
Scanner (Optional)	1D&2D Imager (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	1 x RS232
SENSOR	
Light Sensor	Ambient Light
Motion Sensor	Accelerometer, E-Compass, Gyroscope
USER ENVIRONMENT	
Operating Temp.	-20°C to 60°C / -4°F to 140°F
Storage Temp.	-20°C to 70°C / -4°F to 158°F
Humidity	85%RH @ 60°C to -10°C
Drop Spec.	1.2m / 4 ft. to drop per MILSTD8 10G
Sealing	IP67
Electrostatic Discharge (ESD)	+/-8kVdc air discharge +/-4kVdc direct discharge +/-4kVdc indirect discharge
ACCESSORIES	
Standard Accessories: USB Cable, Metal Screw Mount, Vehicle Cradle/Desktop Cradle, Power supply cabling. Optional Accessories: Barcode Scanner Module (Add-on), Analog Camera, Camera Hub Kit, Wall Mount Cradle, LoRa Module, CAN BUS, Cigarette Lighter Adapter, Screen Protector, External NFC Reader and more.	

* Specification is subject to change.

