

CalAmp® ELD 8M

MDT-8M

Cal/Amp®

A heavy-duty ELD tablet offering advanced telematics applications and services



Display

7" 1024 x 600 IPS (4000 nits, LED backlight)

Operating System

Android™ 9.0

This tablet communicates with the CalAmp Location Monitoring Unit (LMU) via a cable or bluetooth and has a separate cell plan to connect to the cloud.

Cloud Native Platform: CalAmp Telematics Cloud allows you to connect remote assets to a diverse set of vertical applications and third-party services to scale your fleet and power data-driven operations.

Powerful Applications: CalAmp's enterprise-grade applications allow you to visualize the data you need and extract maximum value while minimizing your costs. Put intelligent analytics and custom reporting at your fingertips via a single-view, user-friendly interface.

Connectivity Technology

Integration-Ready • Scalable • Secure



Maintenance-Free Technology

One-time deployment, no ongoing service required



Device Life Optimization

Ensure long-term installations with up to 5 years battery life at once-daily location updates



Responsive Asset Tracking

Gain accurate and powerful movement-based asset tracking built with your data and performance needs in mind



Battery Status Notifications

Optimize battery health and device service scheduling with reliable notifications



Rugged and Resilient Design

Deploy devices built to withstand fine dust particles and submersion in one meter of water for up to 30 minutes



ELD Support

Streamline compliance with electronic DVIR and automated IFTA reporting

CalAmp® ELD 8M, MDT-8M | ELD Tablet Features

Android Tablet Features	
Display	7" 1024 x 600 IPS (4000 nits, LED backlight)
Operating System	Android™ 9.0
Processor	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz
Memory and Storage	2GB RAM / 32GB internal storage
Speaker	1
Microphone	2
Cameras	Rear: 8 megapixels; Front: N/A

Connectivity	
Serial Interface	115200 Baud 8Bit/1stop/no Par
Wireless Interface	WEP, WPA/WPA2 PSK, 802.11x EAP security standard, WIFI Direct® Bluetooth® 4.2 BLE GPS (including AGPS) + GLONASS, simultaneously tracking LTE Cat.6 FDD Band 2/4/5/7/12/13/14/17/25/26/66/71 IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v/w (2.4GHz & 5GHz)
NFC	NFC: MiFare®, FeliCa HF RFID: ISO14443 A&B, ISO15693

Battery Pack	
Charging Temperature	4,000mAh Li-ion Polymerc
Battery Capacity	Battery life 10 hours + depending on usage (charging status on screen)

Environmental	
IP Rating	IP54 and MIL-STD-810G 1.2m/4ft drop resistant
Shock & Vibration	SAE J1455 standard, up to 20G peaks
Temperature	-20° to +60°C (-4° to +140°F) operating temperature*** -30° to +70°C (-22° to +158°F) storage temperature
Humidity	0 ~ 95%, non-condensing
Altitude	Operating: 0 ~ 4,572m (15,000ft); non-operating: 0 ~ 12,192m (40,000ft)

Connectors	
Touch Panel	Capacitive multi-touch with optical bonding, glove support & water resistant, anti-glare coating
Platform	Bluetooth® 4.2 BLE
Expansion	MicroSD slot (up to 128GB)
NFC	NFC: MiFare®, FeliCa HF RFID: ISO14443 A&B, ISO15693
Sensors	Accelerometer (G sensor) - auto rotation eCompass Ambient light sensor Gyro Vibration motor
Physical Interface	MicroSD slot (up to 128GB capacity) MicroSIM slot USB Type-C 2.0 (supports OTG) 18-pin pogo pin connector (charging & data transmission) Built-in mic x2 (supports noise cancellation); Built-in speaker x1
Buttons	Front: power button Soft buttons: on screen Android navigation keys

*** -15°C (5°F) operating stand-alone; -20°C (-4°F) operating with AC input

Quoted Separately

Cradle (non IP-rated)	Specifications Kiron Pro / ELD cradle
I/O port	microUSB (charging only) x1; Power input 5V/2A
Cradle Interface	Pogo pin connector for power and data (1.0 pins)
Fleet Port	Tx/Rx signal

Accessory	
Vehicle Charger + Cable Set	Vehicle charger (5V/2A) + MicroUSB cable, 1.3m

For full tech specs visit calamp.com

