



MDT-7™

Android Mobile Display Terminal



CalAmp's MDT-7 is a 7" Android™ based Mobile Display Terminal (MDT) with Wi-Fi and Bluetooth capabilities for in-vehicle communications applications that interface with a variety of application targeting remote and mobile personnel.

Designed to be tightly coupled with a CalAmp in-vehicle wireless communications device, the MDT-7 serves as a powerful user interface in an integrated mobile communications system. Customers can develop Android OS-based applications or license applications from Calamp and/or its development community to optimize value to long-haul trucking, local fleet, asset delivery, and mobile workforce management.

INNOVATIVE, ECONOMICAL SOLUTION

This device has a small, rugged design for both wired and wireless connectivity with onboard memory and micro SD support as well as front and rear facing cameras and a 7" multi-point touch-screen display. In addition, the ruggedized shock-absorbing silicon case with tethered vehicle dock and CalAmp's patent-pending triple-axis accelerometer technology and the GPS receiver, allow the MDT-7 to support applications to be ported or developed specifically for your business while providing an economical device for the mobile worker.

The MDT-7 platform centralizes workflow applications which reduces driver paperwork, integrates driver dispatching and messaging, and communicates critical information from the driver and vehicle directly back to your business information systems. Messages and captured information are transported across the cellular network via a connected CalAmp LMU modem.

VERSATILITY

The MDT-7 utilizes the CalAmp Mobile Framework (CMF) software to provide the interface to CalAmp's industry leading advanced on-board alert engine PEG™ and comprehensive management and maintenance system PULS™. The versatile unit's embedded software includes base programs for mapping and navigation, and also supports premium applications such as dispatch and routing, driver/worker logging, and other targeted applications.

OVER-THE-AIR SERVICEABILITY

The MDT-7 leverages CalAmp's management and maintenance system, PULS™ (Programming, Updates, and Logistics System), for over-the-air installation of new applications.

Experience The Advantage

- 7" Touchscreen Display
- Ruggedized shock-absorbing silicon case
- Tethered vehicle dock
- Android™ OS (Jelly Bean)
- 1 GB DDR3 RAM with Micro SD Card Slot
- 802.11 b/g/n WiFi
- Bluetooth 2.1 + EDR
- Built-in front and rear facing cameras
- Integrated GPS
- 2000mAh Li-polymer battery
- CalAmp Mobile Framework application interface

MDT-7 SPECIFICATIONS

GENERAL

Operating System	Android™ 4.2.2 (Jelly Bean)
Processor	1.5 GHz Cortex A9 Dual-Core Processor
Memory and Storage	1 GB DDR3 Internal RAM; 8 GB Internal Flash; Micro SD Card Slot - Support up to 32GB flash
Display	7" 1024x600 LCD multi touch-five point, capacitive G+G

CONNECTIVITY

Serial Interface	USB 2.0
Wireless	WiFi 802.11 b/g/n Bluetooth 2.1 + EDR

FEATURES

Camera	2MP Rear, 0.3 MP Front
G-Sensor	8g 3 axis digital accelerometer
Speaker	2 watt stereo speaker, 80Hz-10kHz
Microphone	-40dBV sensitivity, 120Hz-10kHz

VALUE ADDED APPLICATIONS

- CalAmp Mobile Framework Driver
- Messaging
- Job Dispatch
- Camera Application
- Sygic 13 offline Navigation (optional)
- Online navigation options
- VOIP
- Video

GPS

Location Technology	24 channel GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN AGPS Capable
---------------------	------------------------------------------------------------------------------

ELECTRICAL

Operating Voltage	9-36V automotive supply through dock 5 V mini USB connector Li-polymer Battery 2000mAh 3.7V internal battery
Operating Modes	running, stand by, deep sleep 1 hour battery life 3 hour charge time

MECHANICAL

Dimensions	210 x 145 x 26 mm
Weight	510g
Enclosure	Ruggedized IP53 Silicon Case
Connectors	Headphone; Mini USB OTG; Internal SD Card Slot
Hard Keys	On/Off; Volume +/-
Mounting	MDT Dock with One-Touch quick release button; 9-36V automotive supply through dock; Simple snap connect; Connects with multiple standard mounting solutions

ENVIRONMENTAL

Temperature	-20° to +60° C (operating) -30° to +70° C (storage)
Shock and Vibration	SAE J1455

About CalAmp

CalAmp (NASDAQ: CAMP) is a proven leader in providing wireless communications solutions to a broad array of vertical market applications and customers. CalAmp's extensive portfolio of intelligent communications devices, robust and scalable cloud service platform, and targeted software applications streamline otherwise complex machine-to-machine (M2M) deployments. These solutions enable customers to optimize their operations by collecting, monitoring and efficiently reporting business-critical data and desired intelligence from high-value remote assets. For more information, please visit www.calamp.com.

CalAmp
1401 N. Rice Avenue
Oxnard, CA 93030
T: 805.987.9000 | F: 805.987.8359

www.calamp.com