

ZOLL Data Systems

RescueNet™ Mobile

Wireless EMS Mobile Data Communication Software

DriverTech

EMS-PC

EMS Mobile Data Computer



YOUR MDT SOLUTION — WHEN EVERY SECOND COUNTS



- **DriverTech's EMS-PC is ruggedized** for the rigors of mobile applications. Our MDT has been designed to vehicle SAE standards
- **FULL VGA display is sunlight readable** inside the cab of your ambulance. Both EMT and Paramedic can simultaneously see the display with our wide-angle-viewing technology
- **Touchscreen keyboard** within the RescueNet™ Mobile application allows for quick and easy data entry and potentially eliminates external keyboard option
- **Navigate to scene using the full screen mapping** of RescueNet™ Mobile. No more fumbling with map books – reduce time to accident scene and save on costly penalty fees.
- **Dedicated Zoll/Pinpoint keys around display** for ease in navigating between RescueNet™ Mobile application screens without having to use a stylus or remember a particular function key. These dedicated keys are backlit for night-shift crews.
- **Additional serial ports** for current and future needs. Use a serial port for connecting to ZOLL RescueNet™ Field Data. Additional serial ports could tie into the vehicle data bus or Road Safety and capture odometer or vehicle maintenance data.
- **Battery back-up not required.** The EMS-PC can save the RescueNet™ Mobile settings without having to deal with battery maintenance or loss of software and re-configuration
- **Larger speaker for increased volume** designed to better overcome ambulance sirens and other radio noise
- **More display real estate for RescueNet™ Mobile supervisory screen.** Your supervisors will thank you.
- **Quick installation and removal** with DriverTech's versatile position mount
- **Two PCMCIA slots** for ease in integration and quick access for software upgrading

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DriverTech, Inc.
www.ems-pc.com

DRIVERTECH

Features

Display

- Lighted, active matrix, TFT color
- LCD 640x480 pixels
- Cold-cathode fluorescent (CCFL)
- Brightness is software-controllable

Keypad

- 24-key
- Metal snap domes
- Touch screen

Interface

- EIA-232 serial ports (5)
- J1708 port (1)
- J1939 port (1, optional)
- Three EIA-232 ports can be configured as EIA-422 ports
- Baud rates — 1200, 2400, 4800, 9600, 14,400, 19,200, 38,400, 57,600 and 115,200
- Data formats — 8n1, 8e1, 8o1, 8n2, 7e1, 7o1, 7n2, 7e2 and 7o2
- Connector — DB50f (serial)

DRAM Memory

- 32 Mbytes DRAM

Flash Memory

- 64 Mbyte module
- Larger modules optional

PCMCIA

- Type II (2) or Type III (1)

Modems

- CDPD
- Nextel
- GPRS
- 1xRTT

Speaker

- 40 mm speaker provides audio feedback
- External speaker jack is included

Mounts

- DriverTech Quick Release Mount (7-1/4 or 4-3/4)
- Optional floor mounts

Microphone

- Internal microphone allows audio input.
- External microphone jack is included

Physical

- Stud-mount configuration
- Size: 219.6x165.4x72.5 mm
- Weight: 1.8 kg

Environmental Sealing

- NEMA-12/13, SAE J1455 splash

Temperature

- Operating -35 to 60 °C
- Storage -40 to 85 °C

Humidity

- 95% non-condensing

Power

- 10 to 30 VDC
- 700 mA @ 12 VDC typical

Cables

- Standard EMS-PC Cable includes 3 serial ports, power, external PS/2 port
- Up to 5 serial ports optional

Software

- ZOLL Data Systems RescueNet™ Mobile software connects your ambulance fleet to RescueNet™ Dispatch and RescueNet™ Field Data.

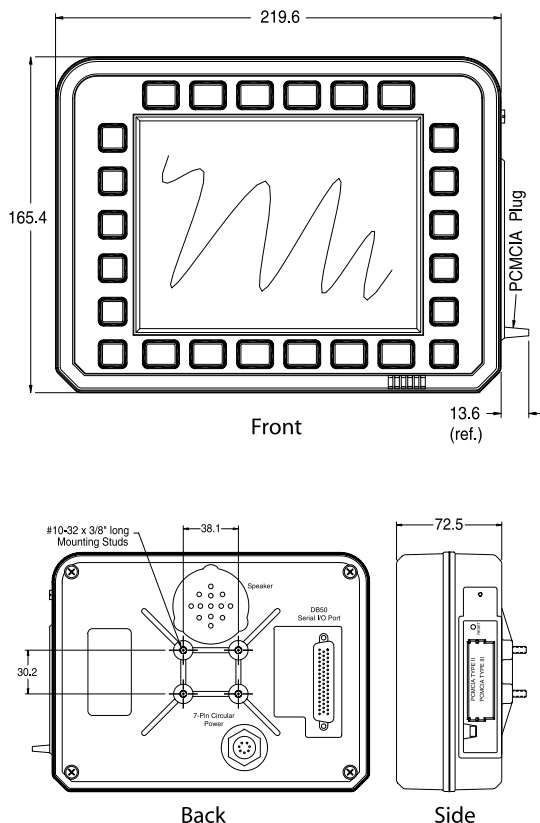
Customizing

- Pinpoint custom legend for easy navigation

Certification

- FCC Part 15, Class A

Dimensions (Shown in mm)



Environmental Specifications

Parameter	Limits	Notes
Temperature, Storage	- 40 °C to + 85 °C	
Temperature, Operating	- 35 °C to + 60 °C	
Humidity	95 % non - condensing	
Shock	18 g, 3 millisecond	SAE J1455, figure 18
SAE J1455, figure 18	4 g peak, 100 to 1100 Hz	SAE J1455
Vibration, operating	4 g peak, 5 to 150 Hz	SAE J1455
Sealing	Splash	Nema 4 front of case
Electrical, steady state	9 to 32 VDC	SAE J1455, Table 2a, 2b
Electrical, transient	Load dump: +222e-t/0.048+28	SAE J1455, Table 3b
	Inductive load switching: -1028e-t/0.001+28	SAE J1455, Table 3b
	Alternator field decay: -150e-t/0.0095	SAE J1455, Table 3b
	Mutual coupling: +328e-t/0.001+28	SAE J1455, Table 3b
Electrical, noise	Accessory noise: 3 V pk/pk, 50 Hz-10kHz	SAE J1455, §4.11.2.3.1
	Electrostatic discharge: 15kV, 150 pF, 150 Ω	SAE J1455, §4.11.2.3.3
FCC Rating	Part 15 Class A	