MICRONET

TREQ-VM/VMx

Created for mobile resource management and fleet management providers, the TREQ-VMx mobile data terminals are the ideal hardware for your vehicle applications.

Customizable to meet your specifications, TREQ-VMx mobile data terminals offer a wide range of features including multiple wired and wireless communication protocols and fixed or removable versions.

The TREQ-VMx mobile data terminals are built to operate in extreme temperatures and can withstand high levels of shock, vibration and humidity. Our terminals are running critical applications in a variety of market segments including long-haul trucks, oil & gas, construction, municipal buses and locomotives.

Key Features

- Available in fixed-mount and removable versions
- 800x480 pixel WVGA, 7" (178 mm) diagonal, LED lighted, TFT color LCD display with touch screen
- Integrated cellular modem, GPS receiver and J1708/J1939 (TREQ-VMx)
- 10/100Base-T wired Ethernet, 802.11b/g/n wireless Ethernet
- EIA-232, EIA-232/422/485, five USB 2.0 high-speed host ports
- One hour active life lithium-polymer battery
- Extended temperature range
- Digital camera available on removable version
- Windows® Embedded CE 6.0 R3 Core or Professional

Feature	Detail	TREQ-VM	TREQ-VMX
Display	Type	800 x 480 WVGA, TFT color LCD	
	Size	7" (178 mm) diagonal	
	Lighting	LED	
	Brightness	Software controllable	
Touch Screen	Type	Analog-resistive	
Interface	Ethernet	10/100Base-T wired Ethernet, 802.11b/g/n	
	Serial	One EIA-232/422/485 configurable; one EIA-232	
	Additional Serial	N/A	One EIA-232
	USB	Four 2.0 high-speed host ports; Fifth 2.0 high-speed port in cable	
	Vehicle Bus	N/A	J1708/J1939 (CANbus)
	Digital I/O	N/A	Two general inputs Two general outputs
	Ignition Sense	One Ignition Sense	
	Cellular Modem	N/A	3G UMTS/HSPA+ or CDMA/ EV-DO
	GPS	N/A	Integrated GPS receiver +
	Camera	640 x 480 Digital camera (removable devices only)*	
Processor	Type	Marvell® XScale™ PXA166, 800 MHz (ARM)	
Memory	RAM	256 MB	
	Flash	4 GB NAND	
	Expansion	Micro SD	
Audio	Speaker	Built in; two front-facing	
	Microphone	Built in; front-facing	
	Other	N/A	3.5 mm TRS jack for voice I/O
Power	Input	8 to 32 VDC (exceeds SAE J1455)	
	Consumption	10-12 Watts typical (16-17 Watts while battery charging)	
	Battery	Lithium-Polymer with nominal 1 hour active life	
	Other	SAE J1455 compliant	
Mechanical	Type	Pedestal mount or removable with cradle (uses RAM Mount or comparable)	
	Size	215(W)x156(H)x65(D) mm Maximum (with rubber boot)	
	Mass	1 kg	
	Housing Material	Blended polycarbonate and polyester resin	
	Cables	Sold separately	
Environmental	Temperature	Operating: -20 to 60 °C; Storage: -40 to 75 °C	
	Humidity	0 to 95%, non-condensing	
	Vibration	4 g 10-1500 Hz	
	Shock	40 g, 11 ms, any axis	
Certifications	CE	EN60950-1, EN55022, EN55024	
	EMC	FCC Part 15, Class A	
	RoHS	Compliant	
Software	Operating System	Windows® Embedded CE6.0 R3 Core or Professional	Windows® Embedded CE 6.0 R3 Professional

* Optional
+ External antenna required

Micronet, Inc continues to develop and manufacture mobile computing platforms, designed for integration into fleet management and mobile workforce management solutions.

Micronet's rugged Windows CE mobile data terminals and Android Tablets are deployed internationally and recognized for their ingenuity, competitive pricing and service excellence.

Micronet's customers are leading Fleet Management/Mobile Resource Management (MRM) solution and service providers. They require rugged, high quality, versatile and innovative hardware platforms that are fully programmable, for independent application development and system integration.

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