



MICRONET

TREQ-M4/M4x

Created for mobile resource management and fleet management providers, the TREQ® line of mobile data terminals is the ideal in-cab hardware for your vehicle applications.

Customizable to meet your specifications, TREQ mobile data terminals offer a wide range of features including multiple wired and wireless communication protocols in rugged housings.

TREQ mobile data terminals are built to operate in extreme temperatures and can withstand high levels of shock, vibration and humidity. You will find our terminals running critical applications everywhere, from long-haul trucks and utility vehicles to taxis, municipal buses and locomotives.

Key Features

- 480 x 272 pixel WQVGA, 4.3" (109 mm) diagonal, LED lighted, TFT color LCD touch screen display
- Integrated cellular modem and GPS receiver (M4x) 1708 / J1939 CANbus (M4x)
- 10/100Base-T wired Ethernet, EIA-232, EIA-232/422, three USB 2.0 full-speed host ports
- Optional Bluetooth®, magnetic card reader and customizable logo / keypad
- Windows® Embedded CE 6.0 R3 Core or Professional (optional)



Feature	Detail	TREQ- M4	TREQ- M4x
Display	Type	480 x 272 WQVGA, TFT color LCD	
	Size	4.3" (109 mm) diagonal	
	Lighting	LED	
	Brightness	Software controllable	
Touch Screen	Type	Analog-resistive	
Interface	Ethernet	10/100Base-T wired Ethernet	
	Serial	One EIA-232/422 confi gurable; one EIA-232	
	USB	Two 2.0 full-speed host ports, Third 2.0 full-speed port in cable	
	Vehicle Bus	N/A	J1708/J1939 (CANbus)
	Digital I/O	Ignition sense	
	Bluetooth*	One class 2, v2.0 compliant; GAP, GOEP, SPP, DUN, FTP, HID, HFP, HSP, HID, LAP, OPP, PAN	
	Cellular Modem	N/A	3G UMTS / HSPA+ or CDMA / EV-DO
	GPS	N/A	Integrated GPS receiver
Processor	Type	Marvell® XScale™ PXA300, 624 MHz (ARM)	
Memory	RAM	256 MB	
	Flash	4 GB	
Realtime Clock	Standard	Battery-backed, 1 second resolution	
Audio	Speaker	Built in; front-facing	
	Other	3.5mm TRS speaker jack	
Power	Input	6 to 32 VDC (exceeds SAE J1455)	
	Consumption	3-5 Watts (400 mA @ 12 VDC)	
	Other	SAE J1455 compliant	
Mechanical	Type	Pedestal mount (uses RAM Mount or comparable)	
	Size	167 (W) x90 (H) x37 (D) mm	
	Mass	0.46 kg	
	Housing Material	Blended polycarbonate and polyester resin	
	Cable	Integral cable with strain relief	
Environmental	Temperature	Operating: -20 to 70 °C; Storage: -40 to 85 °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 CE 6.0 R3 Core or Professional	
	Development Environment	Development Environment Microsoft® Visual Studio®, Win32, MFC, Visual C#® and Visual Basic®	
Other	Card Reader*	Magnetic card reader (three tracks)*	

* Optional

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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