

MTRuv 4800

Modern Tracking System



Features

- * Compatible with different UHF/VHF wireless Radios.
- * Internal flash memory 128 KB and up to 512 KB RAM can store 100 hours of vehicle locations at 3 minutes update intervals.
- * Could be used for both real-time monitoring and data logging.
- * On-board parameters can be configured remotely from the base station.
- * Intelligent position recording in the on-board data buffer with external memory up to 8 M byte.
- * It has a microphone & speaker interface to enable voice calling.
- * Additional digital I/O for vehicle status and remote control.
- * Panic button option.
- * Single box designed for easy installation.
- * Input Voltage 12 VDC (unregulated) from car battery.
- * Immunity to different kind of weathers.
- * Low weight and small sized.
- * **MTRuv4800 SDK** for integration with Fleet management and GIS software applications.

MTRuv4800 is a system to track vehicles (Nile cruises - ships - trucks - cars – buses – taxis – limousines ...etc).

MTRuv4800 incorporates security, tracking, personal alarms, voice communications and many other control features .

Operation

MTRuv4800 transfers the car location information which is collected by a GPS module to the head office using any UHF/VHF wireless communications network. In the head office there is a UHF/VHF Radio unit which connected to a computer loaded with tracking software and city maps to display the vehicles location, these maps could be raster or vector. Tracking is upgradeable to a higher level of accuracy.

Technical Specifications



MTR uv 4800

Data Rate
Signaling
RS-232 Interface

Tracking Commands

Internal Memory
Additional Inputs

GPS

Channels
Update rate
Accuracy
Output

Radio Interface

Audio output
Audio input

PTT output
TX light input

Environmental

Waterproof
Dustproof
Shock-resistant
Operating Temperature
Storage Temperature

Power

Input Voltage
Typically draw
Standby draw
Internal Battery

1200 , 2400 , 4800 Baud Configurable
Minimum shift Keying (MSK)
Baud Rate 300 to 15200Kbaud
 Configurable
 Full duplex

Parity None 8 Bits

Instant Position Reporting
 Last 5 Positions Reporting
 Auto Position Reporting
 Custom Distance/Time interval
30 000 Track points
8 General purpose I/O's

12,parallel,L1 frequency
1 second, continuous
15 meter RMS
NEMA 0183 version 2.0 ASCII

775mv rms (Mic level audio) 600ohm
100mV to 1V rms
100K ohm
Channel busy input
(COR) Active High TTL compatible
(Push-To-Talk)Active Low TTL compatible
Valid channel Active High TTL compatible

-30°C to +65°C
-40°C to +85°C

12 to 40 VDC, unregulated
1.5 A
300 mA
Rechargeable 3V Lithium ion cell battery Up to 6 months Charge

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