

HCP Roadstar

GPS/GPRS Terminal
Quad Band - GSM



HCP Roadstar is tracking terminal based on GPS/GPRS technology. It can be adapted to almost any kind of end-user needs because of his Java™ programmable ability.

It supports GPRS class 12 standard.

This is fast and cost-saving solution for vehicle tracking, personal emergency call systems, fleet management and navigation systems.

The result is easily accessible information on a vehicle's location, stops, idling and mileage that can be quickly analyzed.

The functionality of the terminal corresponds to the features of the CINTERION TC65i wireless module, supplemented by SIM card reader and Unimo GPS module.

GENERAL FEATURES

- Robust industrial housing
- Dimensions: 78 x 54 x 26mm
- Weight approx. 170gr
- Ambient temp. range: -20 to +60 °C
- Auto switch off at -30°C and +75 °C

GSM/GPS FEATURES

- Quad band GSM 850/900/1800/1900 MHz
- GPRS class 12
- Mobile station class B
- PBCCH support
- CSD up to 14.4 kbit/s
- V.110
- Non-transparent mode
- USSD support
- Java Virtual Machine with APIs for AT Parser, Serial Interface, FlashFile-System and TCP/IP Stack.
- Output power: Class 4(2W) / Class 1(1W)
- Fax group 3, Class 1
- SMS Point-to-point MO and MT, Text and PDU mode
- SiRFStarIII-GSC3f/LP chipset
- State-of-the art GPS receiver (20 channels)
- NMEA Protocols

INTERFACES

- RS232 interface
- SIM card interface 3V, 1.8V
- SMA (f) external GSM antenna connector
- SMA (f) external GPS antenna connector
- Hardware watchdog
- MICROFIT MOLEX 24 pin connector
 - power supply 12-24 VDC max 500mA
 - 4 opto-isolated inputs (12-24 V input)
 - 2 opto-isolated outputs (50mA open collector output, optional 600mA solid state relay output)
 - 2 analog inputs (0-10V)