Hermes 4X

Ruggedized, weather proof, in-vehicle tracking, diagnostics and mobile business unit extension device.

Applications

- Tracking
- Fleet Management
- Asset Management
- Work order deployment
- Operations Optimizations
- Field support
- Mobile office with internet connectivity
- Mobile hotspots on busses, tour vans, trains, taxis and cars
- Remote surveillance
- SCADA terminals
- Law enforcement
- Emergency response
- Fire fighting

Features

- Mobile WiFi Hot spot
- Dual WiFi channels - One for Hot spot and other for WiFi client
- Built in web server
- Work alone mode with remote fob for emergency alarms
- Dual USB interface
- Ethernet interface
- External RS232 interface
- External Ethernet connection
- External passive RFID interface
- GPS Tracking with Geofencing
- HSDPA internet access
- Live interaction with server
- OBDII interface with reporting and altering applications
- Authenticated access
- Ruggedized and water proof
- MIL-STD-810 compatible
- AJAX based dynamic web server for supporting configuration, diagnostics and reporting
- Expandable and open platform
- Single supply 6 – 35 V DC

Wireless Connection

Specifications

Wireless
- IEEE802.11 b/g/n access point
- IEEE802.11b/g station
- 802.11b: 1, 2, 5.5, 11Mbps
- 802.11g: 6, 9, 12, 24, 36, 48, 54Mbps
- 802.11n:
  (20MHz) MCS0-7, Support up to 72 Mbps
  (40MHz) MCS0-7, Support up to 150Mbps
- OFDM, Peak rate 150Mbps
- Security support for 64/128 WEP, WPA, WPA2, TKIP, AES
- Operates in 2.4GHz frequency bands.
- Low Power Consumption

Interfaces
- USB 2.0 x 2
- RS232
- Ethernet LAN

Work Alone
- 900 MHz fob
- 200 meters range

Wireless WAN (Internet)
- Internal USB HSDPA, HSPA, GPRS vendor supplied sticks
- HSPA + capable with average download speeds of 4Mbps (up to 21Mbps)

OBD II
- ISO 15765-4 (CAN)
- ISO 14230-4 (Keyword Protocol 2000)
- ISO 9141-2 (Asian, European, Chrysler vehicles)
- SAE J1850 VPW (GM vehicles)
- SAE J1850 PWM (Ford vehicles)
- Support for non-legislated OBD protocols:
  ISO 15765
  ISO 11898 (raw CAN)
- Support for SAE J1939 OBD protocol

Passive RFID
- External USB unit
- 125kHz read frequency
- EM4001 64-bit RFID tag compatible
- Read range of 200mm

Active RFID
- Internal Active RFID
- 915 MHz read write frequency
- 200 meters range
- Custom communication protocol
- Collision avoidance multiple tags reading
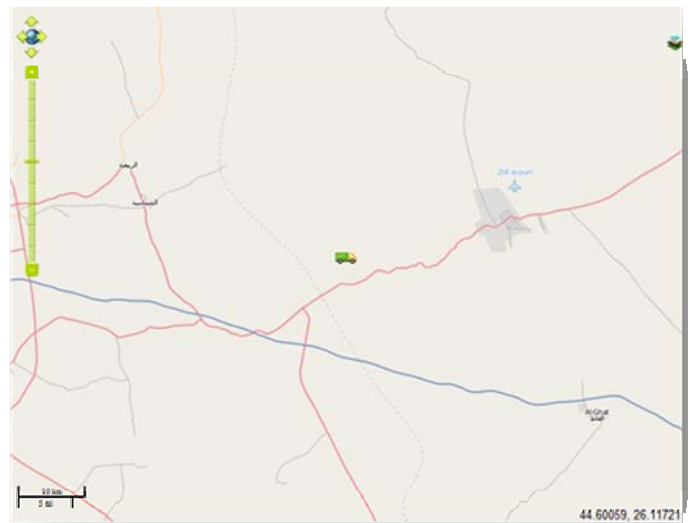
Specifications

User Interface
- WiFi based wireless interface
- Web based access
- Windows, IPAD, Iphone, Ipod, Black berry, Android
- Multiple screen simultaneously

Power
- 6 – 35 V DC
- 1100 mA peak current (dependent on the peripherals)

Mechanical
- 250 x 175 x 58 mm
- Ruggedized and water proof
- MIL-STD-810 compatible

Contact

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