

HauteMOBiLE[™] In-Vehicles Solutions

High Performance Wireless Client Routers

LESS IS MORE. HauteSpot's products are designed around three principles: multifunction, cost effectiveness, and a small eco footprint.

Connectivity On The Go

The HauteMOBiLE[™] is a high performance wireless router specifically designed for use in vehicles such as police cars, fire trucks, ambulance, buses, trains, service vehicles, and nomadic devices.

- **Choose Your Own Cellular Carriers And Modems**

The HauteMOBiLE-C is designed to support customer provided USB cellular modems. The cell modem can be used when the vehicle roams outside private broadband coverage areas, can be always on, or can be enabled only when needed.

- **Vibration Resistant, Secure And Lock**

The HauteMOBiLE-E is designed with an Integrated multi-band, multi-technology modem, which can be specified as Verizon, ATT, Sprint, Rogers, Canada Bell or can be custom ordered for other carrier in volume. The HauteMOBiLE-E also comes with a rugged antenna connection, which prevents failures that often occur when connecting to USB modems.

Supper Fast Local Wireless Broadband

Both HauteMOBiLE routers are capable of operating on multiple bands as a client bridge, client router, AP or mesh node. This allow the HauteMOBiLE to serve many purposes:

- Store And Forward Data Transfer
- Roam Up Wireless
- Mesh On Demand
- Mobile Access Point

Feature Rich And Intelligent

Both HauteMOBiLE routers are feature rich routing platforms, not just dumb bridges. A HauteMOBiLE can grow and change as your needs change.

- Intelligent and programmable
- Location data via optional GPS receiver
- USB storage option to create in-vehicle NAS
- Sensor data via a variety of custom modules

Interoperable

For interoperability purposes, in addition to HauteSpot's TLP protocol, the HauteMOBiLE family of products can also be configured for standard 802.11 a/b/g/n operation. They have been tested with a broad range of access points for performance. With programmability, you can have your routers dynamically switch between protocols as needed.



Applications

- Police cars
- Fire trucks
- Ambulance
- Buses
- Trains

Benefits

- Transfer data at the fastest possible speed
- Connect on demand from remote locations
- Automatically find peer nodes
- Create dynamic networks in the field
- Share your cellular broadband connection to your smart phone and laptop

SPECIFICATIONS 1.2

RADIO MODULE FEATURES

DATA RATES

- OFDM :
 - BPSK. 6Mbps, 9 Mbps
 - QPSK. 12Mbps, 18Mbps
 - 16QAM. 24Mbps, 36Mbps
 - 64QAM. 48Mbps, 54Mbps
- DSSS: 1, 2, 5.5, 11 Mbps.
- MIMO :
 - 20MHz 1Nss
 - 65 Mbps@800GI
 - 72.2 Mbps@400GI (Max.)
 - 20MHz 2Nss
 - 130 Mbps@800GI
 - 144.4 Mbps@400GI (Max.)
 - 40MHz 1 Nss
 - 135 Mbps@800GI
 - 150 Mbps@400GI (Max.)
 - 40MHz 2 Nss
 - 270 Mbps@800GI
 - 300 Mbps@400GI (Max.)

CHANNEL WIDTH

- 5/10/20/40 MHz

NETWORK STANDARDS

- WECA (Wi-Fi & Wi-Fi5)
- IEEE 802.11, a, g, b, e, f, h, i

COMPLIANCE

- FCC Part 15 Class B (modular)
- ETSI 300.328
- ETSI 300 826
- CE mark
- FCC Part 90Y (modular)

HAUTEMOBILE™ FAMILY

- HauteMOBILE-E
2.4, 4.9* and 5GHz 2 x 2 MIMO
- HauteMOBILE-C
GSM, UMTS, HSPA+, LTE, 2.4, 4.9* and 5GHz 2 x 2 MIMO

Note:

* 4.9 GHz Public Safety use only. Requires approval.

HARDWARE FEATURES

- High performance embedded processor
- 1 ea. 10/100/1000 Base-TX Ethernet port (with auto MDI/M DIX) w/PoE
- Reverse voltage and transient protection
- -20°C to 70°C operating temperature
- Optional USB storage
- Voltage and temperature monitor
- Watchdog timer
- Real Time Clock
- 2 ea. RPTNC type RF connector

- Add 1 ea. N type connector (E model)
- 1 ea. RJ45 1 Gbps Ethernet connector
- Rear mounting holes
- USB 2.0 powered type A port
- Passive PoE injector with 90-240VAC to 18VDC input power supply (optional)
- European power pins (optional)

PHYSICAL & ENVIRONMENTAL:

HAUTEMOBILE-C

- 6 Watts nominal
- 10.4 oz
- 4.5"(W) x 8.5" (L) x 1.125" (H)
- 11-27 VDC input voltage

HAUTEMOBILE-E

- 8 Watts nominal
- 12.4 oz
- 4.5"(W) x 8.5" (L) x 1.125" (H)
- 11-27 VDC input voltage

WARRANTY

- One years on parts and labor
- Two years or three years extended warranty plan (optional)

ROUTER FEATURES

- 3G and 4G modem support, including LTE
- "TDMA-like" protocol for video performance
- MAC repeater settings for each client (Enable/disable for each MAC address)
- MAC Firewall
- Client statistics (current signal level/quality, rate tx/rx, bytes tx/rx, radio rate)
- Authentication via remote RADIUS server using captive portal
- 40 and 128 bit WEP, WPA, and WPA2 support
- Routing for RIP, BGP, OSPF, Mesh, Multi cast, and IP filtering
- DNS relay, server
- DHCP server, relay, and client
- SNMP/SSH/Telnet/Java Client
- WDS (wireless distribution service) for transparent bridging
- VPN support
- MPLS/VPLS support
- SMB storage
- Comprehensive scripting
- Layer 2 management utility
- Complete network management system

SUPPLIED ACCESSORIES

- Passive PoE crossover cable w/molex positive lock power connector
- Molex plug power connector with unterminated 6' leads



Ethernet Crossover Cable w/ PoE



Power Connector

COMPANION PRODUCTS

- **microNVR**
(portable wireless NVR)
- **DB05-0-M2RPTNC**
(2x2 MIMO antenna)
- **DB05C-0-M2RPTNCMN**
(2x2 MIMO antenna w/cellular)
- **MR350-USB**
(USB GPS receiver-sheetmetal mount)
- **GPS353**
(USB GPS receiver-magnetic mount)
- **DCDC-USB**
(UPS power supply DC-DC)
- **DP25DISK**
(USB removable disk drive 2.5" drive not included)
- **DP25 Carrier**
(Carrier only USB Disk drive 2.5" drive not included)

Contact Us

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