

HauteWRAP[™] Plus Wireless Router

Full Feature Router Optimized For IP Video

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

Design For Video Streaming

The HauteWRAP[™] is HauteSpot Networks' multi-purpose high performance router family. It is designed for mesh, point-to-point, or point-to-multipoint configurations. It provides high data rates and superior throughput for data-intensive and latency sensitive applications. It can be configured to use either the "TDMA-like" protocol which delivers unparalleled video streaming performance for the most demanding IP surveillance applications, layer-2 or layer-3 mesh, or standard 802.11 protocol.

Extremely Flexible & Smart

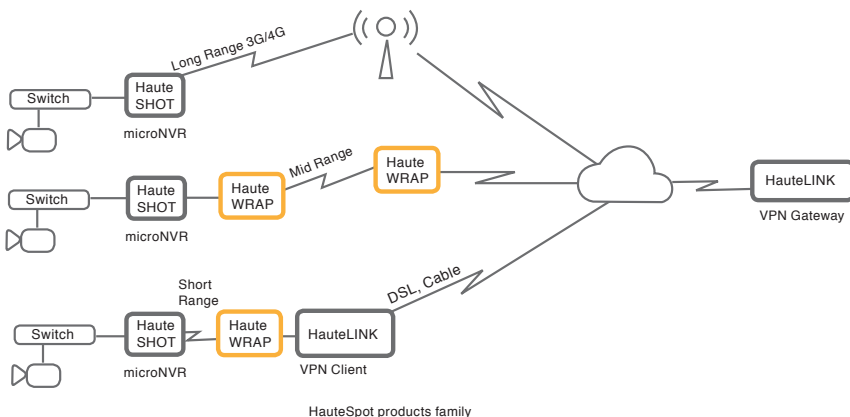
The HauteWRAP[™] is extremely flexible. It supports "behind the firewall" features that allows for easy video deployment. The user-friendly Web interface benefits less-technical users. HauteRouterOS software allows you to apply the most advanced firewall, NAT, bandwidth shaping, and other technologies to create an intelligent and manageable network.

Power Efficient & Rugged

The HauteWRAP[™] outdoor router is enclosed in a NEMA4 IP6/7 aluminium waterproof case that is small and lightweight. Total operating power is (typical) 6 Watts, making the HauteWRAP[™] ideal for solar power. Scalability and performance is twice that of 802.11 protocol and mesh based devices.

Cost Effectiveness

The HauteWRAP[™] is durable and designed for years of reliable service reducing the cost of replacement. It has greater bandwidth efficiency than other solutions and fewer routers are required to cover the same number of cameras. The HauteWRAP[™] is easy to install, thus maximizing your resources and minimizing time.



Applications

- Warehouse and inventory surveillance
- Transportation surveillance
- Public utility surveillance and control
- Airport, rail yard, or port security
- Campus surveillance
- Parking lot surveillance

Benefits

- Ideal solution for video streaming
- 6 Watts total operating power (typical)
- Small and lightweight
- Easy to configure and install
- Fully programmable
- Comprehensive configuration
- Free complete network management system

SPECIFICATIONS 4.3

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)

WRAP FAMILY

- SX+: Single Radio (Outdoor)
- SX+i: Single Radio (Indoor)
- DX+:Dual Radio (Outdoor)
- DX+i: Dual Radio (Indoor)
- LX+:Low Cost Single Radio (Outdoor)
- LX+i:Low Cost Single Radio (Indoor)

MODULE OPTIONS

- M-multiband SISO 2.4/4.9*/5 GHz
- N-multiband 2x2 MIMO 2.4/4.9/5 GHz
- Z-multiband 3x3 MIMO 2.4/4.9/5 GHz
- 37-3.65** Ghz SISO
- 9-900 MHz SISO
- Others (200MHz to 6000 MHz) are available for Military or government use.

Note:

* 4.9 GHz Public Safety use only. Requires approval.

** 3.65 GHz requires FCC license. Contact HauteSpot for details.

HARDWARE FEATURES

- High performance embedded processor
- 1 ea. 10/100/1000 Base-TX Ethernet port (with auto MDI/M DIX) w/PoE
- DX+: 1 ea. additional 1000 Base-TX Ethernet port (with auto MDI/M DIX) w/o PoE
- Reverse voltage and transient protection
- -20°C to 70°C operating temperature
- On board storage
- Voltage and temperature monitor
- Watchdog timer
- Real Time Clock
- 1, 2, or 4 ea. N type RF connector
- 1, or 2 ea. Waterproof RJ45 Ethernet connector
- Pole mount included (surface mount optional)
- Passive PoE injector with 90-240VAC to 18VDC input power supply included
- European power pins optional

PHYSICAL & ENVIRONMENTAL OUTDOOR:

INDOOR (SX*i*, SX+i, DX*i*, DX+i)

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

INDOOR (LX*i*, LX+i)

- 6 Watts nominal
- 14.oz
- 4.375"(W) x 7.125" (L) x 1.25" (H)
- 11-27 VDC input voltage

WARRANTY

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

ROUTER FEATURES

- "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
- 3G and 4G modem support
- Layer 2 management utility
- Complete network management system

SUPPLIED ACCESSORIES



Ethernet Crossover Cable



Wall Mount



90-240VAC to 18VDC PS



1GB POE Power Injector

Contact Us

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