



**Super Compact Low Cost Wireless Client/Point to Point Bridge**

The HauteSpot WRAPSTATION HR-WRAPSTALC is the smallest, lowest cost wireless router available from HauteSpot Networks. Designed for use as a client bridge or a point to point bridge, these small units combine a high gain antenna with a wireless router in an outdoor weather resistant case.

The HR-WRAPSTALC can be mounted on a pole, on the side of a building, or to a window with included hardware.

These units have the same great HauteSpot HauteRouterOS operating system and same management, but at a much lower cost and smaller size



**HR-WRAPSTALC**

**Applications**

- **Point to point links between buildings**
- **Remote stations for cameras**
- **In buildings where exterior mounting is not possible**
- **In vehicles for covert operation**
- **In tight spaces where the larger WRAPSTATIONS are not practical**
- **Where cost is a strong consideration, while full features and functionality are still required**
- **These use the same processor as the HauteWRAPLX but in a small form factor plastic case**

**Functions**

- **Station Bridge or Station Router**
- **Extremely flexible, administrative management via web, Telnet, SSH, HS Configurator, and SNMP**
- **Sniffing, scanning, bandwidth utilization management**
- **Supports “behind the firewall” features that allow for easy video deployment**
- **Multicast routing**
- **VLAN support**
- **QoS management**
- **Free management software**
- **Complete diagnostic tools**

**Features**

- **Compact, all in one plastic enclosure with antenna and router**
- **Sustainable. 6 Watts total operating power - can use solar power.**
- **TDMA protocol. The ideal solution for video streaming, where delay variation and jitter must be minimized.**
- **Scalability. Twice the scalability and performance of 802.11 protocols/mesh based devices.**
- **Feature Rich. HauteRouterOS allows you to apply the most advanced firewall, NAT, bandwidth shaping, and other technologies to create a smart and manageable network.**

**Contact Us**

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## Specifications

### 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.

#### Channel Width

5/10/20/40 MHz

#### Network Standards

WECA (Wi-Fi & Wi-Fi5)

IEEE 802.11

IEEE 802.11a

IEEE 802.11g

IEEE 802.11b

IEEE 802.11e

IEEE 802.11f

IEEE 802.11h

IEEE 802.11i

#### Compliance

FCC Part 15 Class B (modular)

ETSI 300.328

ETSI 300 826

CE mark

FCC Part 90Y(modular)

#### Frequency Options

##### **WRAPSTALC-2-11**

2.4GHz 11dBi gain antenna 44deg  
azimuth

##### **WRAPSTALC-5-16**

5GHz 16dBi gain antenna 18 deg  
azimuth

#### Physical & Environmental

- 6 Watts

- .5 lbs

- 8"(W) x 6" (L) x 1" (H)

- 11-27 VDC input voltage

### HR-WRAPSTALC



### 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, Multicast, and IP filtering
- DNS relay, server
- DHCP server, relay, and client
- SNMP/SSH/Telnet/Java Client
- WDS (wireless distribution)

### Hardware Features

- Mid performance embedded processor
- 1 ea. 10/100 Base-TX Ethernet port (with auto MDI/MDIX), w /PoE
- Reverse voltage and transient protection
- -20°C to 70°C operating voltage and temperature monitor
- Watchdog timer
- Real Time Clock
- Weather resistant RJ45 Ethernet connector
- Pole mount and window mounts included
- Passive PoE injector and 90-240VAC power supply included