

## Specifications

### HR-WRAPSXC3E

#### 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, 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)
- **Frequency Options**
  - WRAPSXC3E-M
  - WRAPSXC3E-N
  - WRAPSXC3E-2
  - WRAPSXC3E-37
  - WRAPSXC3E-4
  - WRAPSXC3E-5
  - WRAPSXC3E-9

Note:

M=multiband, 25dBm/-92dBm

(2.4, 4.9\*, 5GHz)

N=MIMO, 25dBm/-97dBm

(2.4, 4.9\*, 5GHz)

37=3.65\*\* GHz, 25dBm/-92dBm

9=900MHz, 28dBm/-93dBm

2=2.4GHz, 28dBm/-97dBm

5=5.8GHz, 28dBm/-94dBm

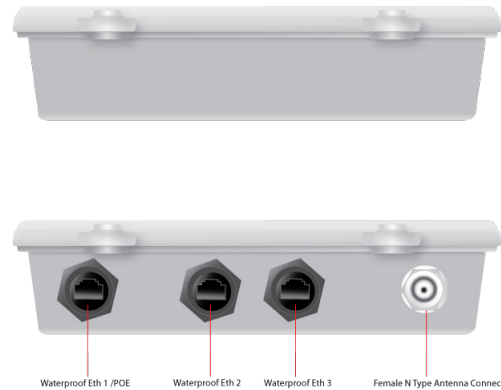
4=4.9GHz\*, 26dbm/-94dBm

- **Physical & Environmental**

- 6 Watts
- 2.7 lbs
- 8"(W) x 5.5" (L) x 2" (H)
- 11-27 VDC input voltage

\* 4.9 GHz Public Safety use only. Requires approval. Requires extra channel license.

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



#### 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, IP filtering
- DNS relay, server
- DHCP server, relay, and client
- SNMP/SSH/Telnet/Java Client
- WDS (wireless distribution service) for transparent bridging
- HWMP wireless mesh

#### Hardware Features

- High performance embedded processor
- 3 ea. 10/100 Base-TX Ethernet ports (with auto MDI/MDIX), 1 w/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 ea. N type RF connector
- 1 ea. Waterproof RJ45 Ethernet connector
- Pole mount included, surface mount optional
- Passive PoE injector and 90-240VAC power supply included