

## Network Extender, Wi-Fi 4x4, GigE

4x4 5GHz + 2x2 2.4GHz dual band MU-MIMO Wi-Fi, and gigabit Ethernet solution



### KEY FEATURES

- 4x4 5 GHz 802.11ac Wave 2 and 2x2 2.4 GHz 802.11n dual band MU-MIMO internal antennas
- 8 SSIDs per radio
- Individual configuration for each SSID (security, bridging, routing, firewall and Wi-Fi parameters)
- 2 GigE ports
- Upgradable firmware via HitronCloud
- Hardware DES and AES Encryption to keep your data safe from unauthorized access
- MyHitron app support (Android and iOS devices)
- Support remote upgrade (HitronCloud/TR-069...etc.)

### EASY TO INSTALL

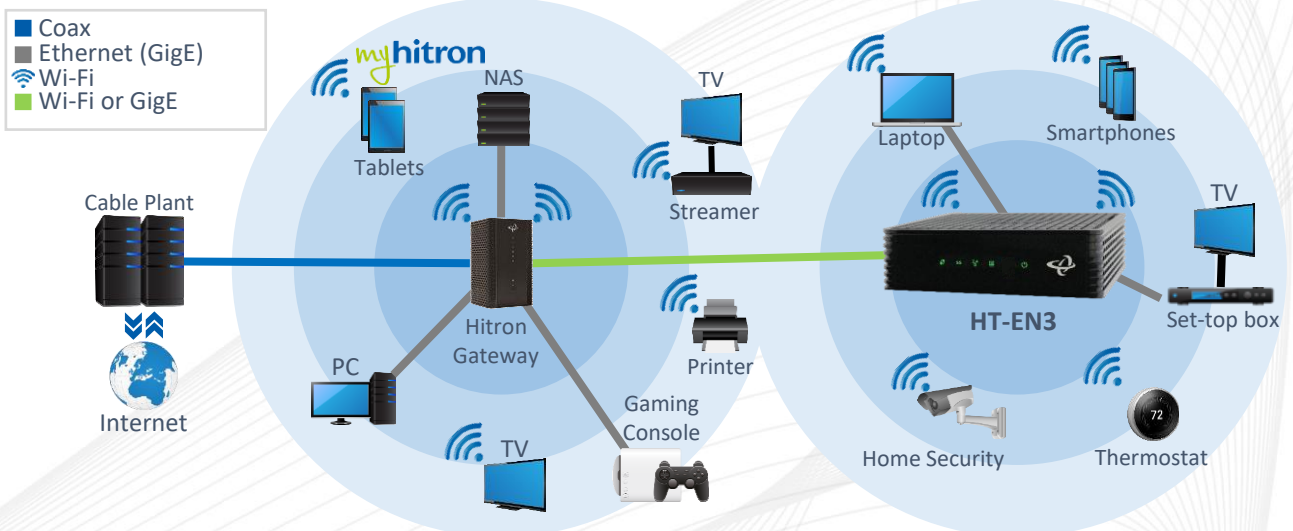
Hitron's HT-EN3 offers the ability to extend your wireless network through two methods: Ethernet or Wi-Fi. Simply connect the HT-EN3 to a Ethernet outlet and it will automatically establish the link and synchronize all Wi-Fi parameters with your Hitron gateway through the AutoSync feature.

### HIGH-PERFORMANCE NETWORKING

The HT-EN3 integrates Wi-Fi 4T4R 802.11ac 5GHz + 2T2R 802.11n 2.4GHz dual band concurrent MU-MIMO access point and two (2) Giga Ethernet ports. The HT-EN3 enables high-bandwidth traffic to be seamlessly distributed across the end-user's home or office.

### EASY & SECURE

The HT-EN3 supports pre-configured and pre-enabled Wi-Fi security via Wi-Fi Protected Setup (WPS), allowing the end-user to rapidly set up a secure wireless network without manual configuration.



## SPECIFICATIONS

### Connectivity

- 2x RJ-45 Ethernet ports 10/100/1000Mbps (Auto-MDI/MDIX)



### Management

- AutoSync (with Hitron gateway)
- Protocol support: TR-069, SNMP v1, v2C, and v3
- Web-based GUI control, configuration and management
- Support remote upgrade (HitronCloud/TR-069...etc.)
- Easy-to-read LEDs clearly display network status and activity
- **myhitron** app and **Opti**my back end support

### Wireless

- 802.11a/b/g/n/ac
- 2T2R 802.11n 2.4GHz + 4T4R 802.11ac 5GHz dual band concurrent MU-MIMO with 300Mbps+1733Mbps PHY data rate
- Frequency range: 2.412~2.4835 GHz and 5.18~5.825GHz
- Channel bandwidth: 20/40/80MHz
- Up to 8 SSIDs for each frequency
- Security: WPA-PSK/WPA2-PSK (TKIP/AES)
- QoS: WMM/WMM U-APSD, Airtime Fairness management
- WPS (Wi-Fi Protected Setup) PBC, PIN
- Output power range:
  - 2.4G (EIRP) 22.01dBm
  - 5G Uni 1 (EIRP) 23.02dBm
  - 5G Uni 2 (EIRP) 26.02dBm
  - 5G Uni 3 (EIRP) 26.02dBm
  - 5G Uni 4 (EIRP) 26.02dBm
- Fast roaming: 802.11r, 802.11k, 802.11v
- Supports band steering

### Mechanical

- 6 status LEDs (Power, LAN, 2.4G Wi-Fi, 5G Wi-Fi, WPS)
  - Possibility to turn off LEDs on specific time via Web UI
- WPS button
- Factory reset button
- Dimensions: 171 mm (W) \* 171mm(D) \* 51.5 mm(H)
- Weight: 450g ± 10g

### Electrical

- Power input: DC 12V / 2A
- Power adapter: 100-240VAC to DC 12V, 50/60Hz
- Power consumption: 24W (Maximum)
- Surge protection: RF input sustains at least 4KV, Ethernet RJ-45 sustains at least 4KV

### Environmental

- Operating temperature: 0°C (32°F) - 40°C (104°F)
- Operating humidity: 10% - 90% (non-condensing)
- Storage temperature: -30°C (-22°F) - 70°C (158°F)

### Compliance Certificates

- FCC, IC
- RoHS compliant

