



# Wi-Fi 5 Extender

## with Dual-band Mesh



HT-EN3

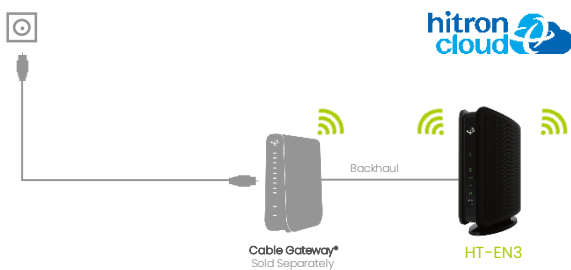
HT-EN3 offers the ability to extend your wireless network through two methods: Ethernet or Wi-Fi. Simply connect the HT-EN3 to a Ethernet outlet and it will automatically establish the link and synchronize all Wi-Fi parameters with your Hitron gateway through the AutoSync feature.

 High-performance Wi-Fi networking	 Mesh Wi-Fi for Uninterrupted Coverage	 Two Gigabit Ethernet Ports
 Enhanced smart home experience with HitronCloud support Advanced feature		

### Key Features

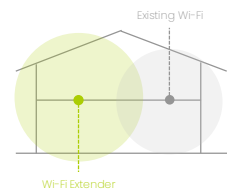
- 4x4 5 GHz 802.11ac Wave 2 and 2x2 2.4 GHz 802.11n dual band MU-MIMO internal antennas
- 8 SSIDs per radio
- Individual configuration for each SSID (security, bridging, routing, firewall and Wi-Fi parameters)
- 2 GigE ports
- Wireless backhaul
- Hardware DES and AES Encryption to keep your data safe from unauthorized access
- Optional HitronCloud home network management support

### Application



Support all Wi-Fi devices

Mobile Devices	NAS	IoT



# Specifications

HT-EN3

### Wi-Fi

- 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) 22.0dBm
  - 5G Uni 1 (EIRP) 23.0dBm
  - 5G Uni 2 (EIRP) 26.0dBm
  - 5G Uni 3 (EIRP) 26.0dBm
  - 5G Uni 4 (EIRP) 26.0dBm
- Fast roaming: 802.11r, 802.11k, 802.11v
- Supports band steering

### 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
- HitronCloud cloud-based platform backend support

### Interfaces

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

### Mechanical

- 5 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: 65 mm (W) \* 204 mm(H) \* 189 mm(D)
- Weight: 460g ± 10g

### 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)

### 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

### Regulatory Compliance

- RoHS
- NCC
- BSMI



Specifications subject to change without further notice. Product photo may differ.  
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