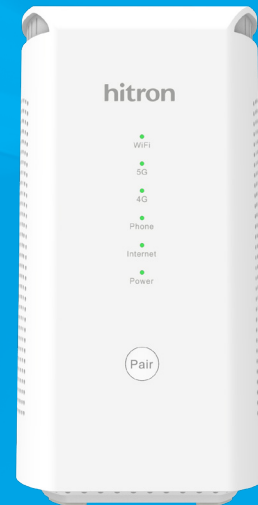# hitron

5G Fixed Wireless Gateway

with WiFi 6 & Voice

D60 5G

Hitron's 5G Fixed Wireless Gateway with WiFi 6 and Voice offers ultimate flexibility to deliver high-speed 5G connectivity, WiFi 6 performance, Mesh capabilities, voice port and wired connectivity through a Gigabit WAN port. 4x4 MU-MIMO radios deliver up to 5.4 Gigabit WiFi speeds for greater coverage and more devices to meet everyone's application bandwidth demands today and tomorrow.

Easy Management with Smartphone App

The xIQ app allows you to easily install, control and monitor your WiFi network. Enhanced Parental Controls, social media monitoring and regular security scans identify potential security threats.

Cellular Fail-over Capability + WAN port

Unique cellular fail-over acts as a safeguard for uninterrupted connectivity for both residential and SOHO users. The Gigabit WAN port provides flexibility for a lightning-fast wired connection when needed.

Key Features

- Configurable as a Cellular Gateway or WiFi Router

- Supports 4G and 5G Fixed Wireless

- Dual SIM (Physical and eSIM)

- Dual-band WiFi 6: 4x4 5GHz (802.11ax) – 2x2 4GHz (802.11ax)

- Easy to use App for WiFi Mesh, Parental Controls and Cyber Security

- Monitor Social Media Usage by Platform

- Regular Security Scans to assess threat level. Followed by detailed instructions on how to resolve.

- Ideal Failover Solution for Existing BB Solution

- PTCRB Certified

- Certified to work with T-Mobile, AT&T, US Cellular

Interfaces

- 1x Nano SIM Card Slot
- 1x RJ-45 10/100/1000BASE-T Ethernet WAN Port
- 3x RJ-45 10/100/1000BASE-T Ethernet LAN Ports
- 1x USB Type 2.0 Port
- 1x RJ-11 Voice Port
- 2x TS-9 Extended Antenna Ports

5G NR/LTE Antennas

- Internal: 4*4 5G/LTE Antennas
- LB: 2dBi
- MHB: 4dBi
- External TS9 Port
- 5G Sub 6: n2, n5, n7, n12, n13, n14, n25, n26, n29, n30, n38, n41, n48, n66, n70, n71, n77, n78, n79
- 4G LTE: B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B29, B30, B38, B41, B42, B43, B48, B66, B71
- NSA Data Rate: Up to 3.4 Gbps (DL)/550 Mbps (UL)
- SA Data Rate: Up to 2.4 Gbps (DL)/900 Mbps (UL)
- LTE Data Rate - Cat19: Up to 1.6 Gbps (DL)
- LTE Data Rate - Cat18: Up to 200 Mbps (UL)

Wi-Fi

Wi-Fi Characteristics

- 802.11a/b/g/n/ac/ax
- 2T2R 2.4GHz 11ax and 4T4R 5GHz 11ax Dual Band Concurrent MU-MIMO with 1.2Gbps + 4.8Gbps PHY Rate
- 20/40/80/160MHz Channel Bandwidth
- High Power Design for Multi-radio Co-location
- Supports Standard 5GHz UNII Bands

Wi-Fi Features

- Band Steering (BS)
- QCA SON/Easymesh*
- One button pairing
- Guest WiFi
- Dynamic Frequency Selection (DFS)
- Wi-Fi Output Power Range: Max permitted by FCC/IC

Wi-Fi Security

- WPA-PSK
- WPA2-PSK (TKIP/AES)
- WPA3-SAE
- 802.1x

Routing Support

- DHCP, TFTP and ToD clients (IPv4/IPv6)
- DHCP Server supports RFC 1541 (IPv4)
- DHCPv6 obtains Prefix from DHCPv6 Server through Prefix Delegation
- Application Content Filtering (IPv4/IPv6)
- Industry-standard Firewall
- Complete NAT Software Implemented as per RFC 1631 with Port and Address Mapping (IPv4)
- Static Routing

Management

- Protocol Support: TR-069
- Web-based GUI Control, Configuration and Management
- xIQ App Configuration, Control and Management
- xIQ Backend Support and Optimization

Mechanical

- 6 LEDs: Wi-Fi, 5G, 4G, Phone, Internet, Power
- Factory Default Reset Button
- Power On/Off Button
- Pair Button
- Dimensions: 114mm (H) x 97.71mm (W) x 187.16mm (D)
- Net Weight: 750 +/- 10g

Electrical

- Input Power: 12VDC, 2.0A
- Power Adaptor: 100-240VAC, 50/60Hz
- Power Consumption: 6.2W (Power Saving), 16.5W (Typ.), 22.04W (Max)
- Surge Protection
  - RF Input sustains at least 1.5KV (Inner Antenna)
  - Ethernet RJ-45 sustains at least 1.5KV

Environmental

- Operating Temperature: -10°C (-10°F) ~ 45°C (113°F)
- Operating Humidity: 5% ~ 95% (Non-condensing)
- Storage Temperature: -40°C (-40°F) ~ 70°C (158°F)