

## Network adapter, MoCA to GigE

MoCA 2.5 to gigabit Ethernet adapter

### KEY FEATURES

- MoCA 2.5 standard for highest performance of networking
- 1Gig Ethernet port
- Compact size for home application: (110mm (W) x 70mm (H) x 25mm (D))
- Upgradable software over web-based GUI
- Hardware DES and AES Encryption to keep your data safe from unauthorized access

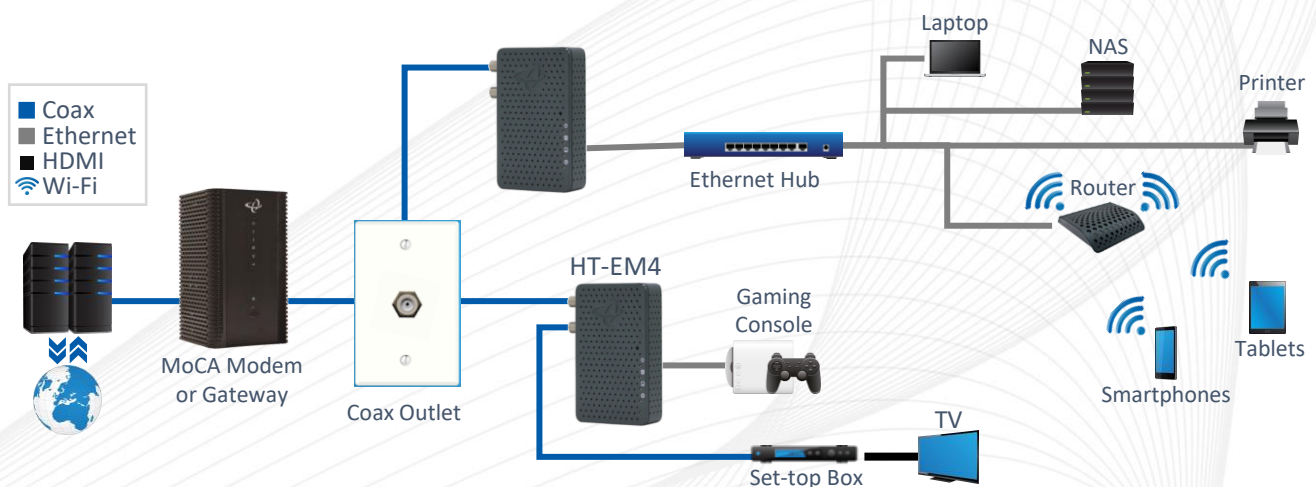


### EASY TO INSTALL

Hitron's HT-EM4 offers the ability to extend your network through Ethernet or MoCA. Simply connect the HT-EM4 to a coax or Ethernet outlet and it will automatically establish the link with the MoCA-enabled modem/gateway connected on the same network. You will get a stable wired networking access with blazing speeds via your existing home cable network without losing a cable outlet for your set-top box or TV.

### HIGH-PERFORMANCE NETWORKING ON MoCA/ETHERNET BACKHAUL

The HT-EM4 enables high-bandwidth traffic to be seamlessly distributed across the end-user's home or office on his 1G Ethernet or MoCA network. MoCA 2.5 backhaul will represent a reliable and high throughput link to the modem/gateway to up to 2.5Gpbs (MoCA to MoCA).



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## SPECIFICATIONS

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### Connectivity

- 2x RF F-type female connectors (75Ω)
- RJ-45 Ethernet ports 10/100/1000Mbps (Auto-MDI/MDIX)

### Management

- Web-based GUI control, configuration and management
- Easy-to-read LEDs clearly display network status and activity
- Supports TR-069 protocol

### MoCA 2.5 Reception / Transmitter-Modulation

- Compatible with MoCA 2.5, 2.1, 2.0, 1.1 & 1.0 standards
- Beacon Band: D1-D10
- Demodulation/ Modulation: BPSK, QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM, 256QAM, 512QAM, 1024QAM
- PHY Rate: 700 Mbps (Baseline Mode) per channel
- Max throughput:
  - MoCA to MoCA: 2.5Gbps (maximum of 5 channels)
    - 500+Mbps per MoCA channel
  - MoCA to Ethernet: 1Gbps (full duplex)
- Channel Bandwidth: 100 MHz
- Link Privacy: 56-bit DES and 128-bit AES hardware encryptions for network security and password

### Mechanical

- 4 status LEDs (Power, MoCA activity, LAN link, MoCA H/L speed)
- Factory reset button
- Dimensions: 110mm (W) x 70mm (H) x 25mm (D)
- Weight: 110g ± 10g (device only)

### Electrical

- Power input: DC 12V / 1A
- Power adapter: 100-240VAC to DC 12V, 50/60Hz
- Power consumption: 5W (Maximum)
- Surge protection: RF input sustains at least 4KV, Ethernet RJ-45 sustains at least 4KV

### Environmental

- Operating temperature: 0°C (32°F) - 45°C (104°F)
- Operating humidity: 10% - 90% (non-condensing)
- Storage temperature: -30°C (-22°F) - 70°C (158°F)

### Compliance Certificates

- RoHS compliant

