CMA-39340

DOCSIS 3.0 IPTV GATEWAY

Intel® Puma™ 5 4x4

DOCSIS/EuroDOCSIS 3.0

4 downstream x 4 upstream channel bonding

Economical cable IPTV gateway

ALWAYS-ON, HIGH-PERFORMANCE INTERNET CONNECTION

The Hitron CMA-39340 is the perfect choice for cable operators who want to offer high-speed broadband and high-quality managed IP video services to their customer base economically. It delivers speeds of up to 200Mbps (4x4) with four bonded downstream channels over its EuroDOCSIS interface.

SEAMLESS END-TO-END HOME MULTIMEDIA SERVICES

The CMA-39340 delivers high-quality, managed IP video. Its built-in IPTV client integrates with several leading IPTV architectures proven in large-scale deployments, offering the opportunity to expand your portfolio of next-gen video services.

KEY FEATURES

• DOCSIS/EuroDOCSIS3.0 compliant

• Full-featured, high bandwidth, compact economical cable IPTV gateway

• MPEG-to-IP encapsulation

• Extensive operator control via configuration file and SNMP

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PRODUCT SPECIFICATIONS

Protocol Support
- DOCSIS/EuroDOCSIS 1.1/2.0/3.0
- SNMP v1, v2C, v3

IPTV Features
- IGMP: v2 and v3
- Concurrent sessions: 4
- MPEG-to-IP encaspulation: UDP/RTP
- DLNA: DMS

Connectivity
- RF F-type female 75Ω connector
- 1x RJ-45 Ethernet port 10/100/1000 Mbps

Management
- Web-based GUI control configuration and management
- Easy-to-read LEDs clearly display network status and activity
- Power on self diagnostic
- MIB II/MCNS MIB
- Hitron proprietary MIBs for extended support on DOCSIS, and IPTV

Reception-Demodulation
- Demodulation: 64QAM, 256QAM
- Data Rate:
  ‣ Up to 152 Mbps with 4 bonded downstream channels (DOCSIS)
  ‣ Up to 200 Mbps with 4 bonded downstream channels (EuroDOCSIS)
- Frequency (edge-to-edge): 88 ~ 1002 MHz
- Channel Bandwidth: 6 MHz (DOCSIS, DOCSIS-J), 8 MHz (EuroDOCSIS)
- Signal Level: 17 dBmV
- Input return loss: >6dB

Transmitter-Modulation
- Modulation: QPSK, 8QAM, 16QAM, 32QAM, 64QAM, and 128QAM (SCDMA only)
- Data rate up to 120 Mbps with 4 upstream channel bonding
- Frequency:
  ‣ 5 ~ 42 MHz (DOCSIS)
  ‣ 5 ~ 65 MHz (EuroDOCSIS)
  ‣ 5 ~ 85 MHz (extended)
- Input return loss: >6dB

Mechanical
- 6 status LEDs (Power, DS, US, Status, Ethernet, IPTV)
- Factory reset button
- Dimensions: 180mm (W) x 52mm (H) x 130mm (D)
- Weight: 300g ± 10g

Environmental
- Power: 100 ~ 120 VAC 50/60Hz, Output 12VDC, 1.5A
- Power Consumption: 8W (typical), 10W (max.)
- Operating Temperature: 0°C (32°F) ~ 40°C (104°F)
- Operating Humidity: 10% ~ 90% (Non- condensing)
- Storage Temperature: -40°C (-40°F) ~ 60°C (140°F)
- Surge Protection: RF input sustains at least 6KV, Ethernet RJ-45 sustains at least 6KV