

CMA-30360

DOCSIS 3.0 IPTV GATEWAY

Intel® Puma™ 5

DOCSIS/EuroDOCSIS 3.0

8 downstream x 4 upstream channel bonding

Economical cable IPTV gateway



ALWAYS-ON, HIGH-PERFORMANCE INTERNET CONNECTION

The Hitron CMA-30360 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 400Mbps (8x4) with eight bonded downstream channels over its DOCSIS interface.

SEAMLESS END-TO-END HOME MULTIMEDIA SERVICES

The CMA-30360 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.

SIMPLY SECURE WIRELESS NETWORKING

The CMA-30360 has four provisioning modes: IPv4 Only, IPv6 Only, Alternate Provisioning Mode (APM) and Dual-stack Provisioning Mode (DPM).

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
- CableLabs CW80 certified platform



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 encapsulation: 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 320Mbps with 8 bonded downstream channels (DOCSIS)
 - ▶ Up to 400Mbps with 8 bonded downstream channels (EuroDOCSIS)
- Frequency (edge-to-edge):
 - ▶ 88 ~ 1002 MHz (DOCSIS, EuroDOCSIS)
 - ▶ 108 ~ 1002 MHz (Extended)
- Channel Bandwidth: 6 MHz (DOCSIS, DOCSIS-J), 8 MHz (EuroDOCSIS)
- Signal Level: -15 dBmV to 15dBmV
- 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: 160mm (W) x 40mm (H) x 147mm (D)
- Weight: 310g ± 10g

Environmental

- Power: 100 ~ 120 VAC 50/60Hz, Output 6VDC, 1.5A
- Power Consumption: 6W (typical), 9W (max.)
- Operating Temperature: 0°C (32°F) ~ 40°C (104°F)
- Operating Humidity: 10% ~ 90% (Non- condensing)
- Storage Temperature: -40°C (-40°F) ~ 80°C (176°F)
- Surge Protection: RF input sustains at least 3KV, Ethernet RJ-45 sustains at least 6KV

Compliance Certificates

- CE Mark
- RoHS Compliant
- FCC, UL