



CCA-30360

- DOCSIS/Euro DOCSIS 3.0
- DUAL WIDEBAND TUNERS
- SUPPORTS IPv4 AND IPv6

Always-On, High-Performance Internet Connection

The Hitron CCA-30360 is the perfect choice for cable operators who want to offer high-speed broadband access to their customer base economically. It delivers speeds of up to 400Mbps (8x4) with eight bonded downstream channels over its DOCSIS interface - eight times faster than a conventional single-channel DOCSIS 2.0 cable modem! The integrated Gigabit Ethernet port enables easy home networking.

Rapid, Simple Deployment, Monitoring and Management

Installation of the CCA-3060 is quick, straight-forward, and can even be carried out by the end-user. Once connected, the built-in TFTP client automatically gets the IP address and configuration data from the network server without human intervention. A browser-based utility allows convenient viewing of key network statistics, and SNMP support provides total remote control over the device.

Full Dual Stack IPv4 / IPv6 Support

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

The new CCA-30360 boasts the sleek, attractive new design concept Hitron has created for its new product series.

Key Features

- Full-featured, high bandwidth, compact economical cable modem
- 8x4 channel bonding
- DOCSIS 1.1/2.0/3.0 and EuroDOCSIS compliant
- Extensive operator control via configuration file and SNMP
- CableLabs CW80 certified

PRODUCT SPECIFICATIONS

Protocol Support

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

Connectivity

- RF F-type female 75Ω connector
- RJ-45 Ethernet port 10/100/1000 Mbps (Auto-MDI/MDIX)

Management

- Web-based GUI control configuration and management
- Dual-color LEDs clearly display network status and activity
- Power on self diagnostic
- MIB II/MCNS MIB
- Hitron proprietary MIBs for extended support

Reception-Demodulation

- Demodulation: 64QAM, 256QAM
- Data Rate:
 - ▷ Up to 320 Mbps with 8 bonded downstream channels (DOCSIS)
 - ▷ Up to 400 Mbps with 8 bonded downstream channels (EuroDOCSIS)
- Frequency (edge-to-edge):
 - ▷ 88 ~ 1002 MHz (DOCSIS)
 - ▷ 108 ~ 1002 MHz (EuroDOCSIS)
- Channel Bandwidth:
 - ▷ 6 MHz (DOCSIS, DOCSIS-J)
 - ▷ 8 MHz (EuroDOCSIS)
- Signal Level: -15 dBmV to 15 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)
- Output return loss: >6dB

Mechanical

- 6 status LEDs (Power, DS, US, Status, LAN, and reserved*) * is for IPTV or other special functions
- Factory default reset button
- Power button (EU)
- Dimensions: 120mm (W) x 156mm (H) x 53mm (D)
- Weight: 240g ± 10g

Environmental

- External power supply:
 - ▷ Input 100 ~ 240 VAC 50/60Hz
 - ▷ Output 12VDC 1.5A (NA/EU/KS)
- 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 (NA/EU) and 6KV (KS)
 - ▷ Ethernet RJ-45 sustains at least 6KV

Compliance Certificates

- RoHS
- CE Mark
- FCC, UL

Box Contents

- Cable modem
- Power supply
- Ethernet cable
- Quick Installation Guide



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