



### CVE-30360

DOCSIS/EURODOCSIS 3.0  
CABLE IAD  
802.11n  
MULTIPLE SSIDs  
IPv6 ROUTING

#### Always-On, High-Performance Internet and Voice Connection

The Hitron CVE-30360 delivers speeds of up to 400Mbps (8x4) with eight bonded downstream channels over its DOCSIS interface. The integrated four-port Gigabit Ethernet switch and Wi-Fi 802.11n Access Point enable easy home networking.

#### Full Dual Stack IPv4 / IPv6 Support

The CVE-30360 supports the full IPv4 routing features as well as full support for IPv6 routing and firewall. The CVE-30360 supports both DSLite as well as 6RD for different IPv6 deployment and transition strategies.

#### Simply Secure Wireless Networking

The CVE-30360 supports pre-configured and pre-enabled Wi-Fi security via Wi-Fi Protected Setup (WPS), allowing the end-user to rapidly set up a secure wireless network without manual configuration.

#### Key Features

- DOCSIS/EuroDOCSIS3.0 compliant and EuroDOCSIS3.0 certified
- PacketCable/EuroPacketCable 1.5 compliant and EuroPacketCable 1.5 certified
- Supports SIP or MGCP, using standard MTA configuration file
- One USB 2.0 host, supporting Network Attached Storage (NAS) functionality
- 802.11n Wi-Fi Access Point with 2x2 internal antennas
  - ▷ Supports 8 SSIDs
  - ▷ Individual configuration for each SSID (security, bridging, routing, firewall and Wi-Fi parameters)
- Integrated DLNA Media Server with support for video, audio and images
- Extensive operator control via configuration file and SNMP
- Well-defined LEDs clearly display device and network status
- Low power support enables the CVE-30360 to go into low-power mode without losing connection to the CMTS

# PRODUCT SPECIFICATIONS

## Protocol Support

- DOCSIS/EuroDOCSIS 1.1/2.0/3.0
- PacketCable/EuroPacketCable 1.5 (2.0 support in 2H2011)
- SIP or MGCP 1.0
- SNMP V1, V2c, V3, IGMP
- DLNA and UPnP

## Connectivity

- RF F-type female 75Ω connector
- 4x RJ-45 Ethernet port 10/100/1000Mbps
- 2x RJ-11 telephone ports
- USB 2.0 Host interface

## Management

- Web-based GUI control configuration & management
- Easy-to-read LEDs
- Power on self diagnostic
- Hitron proprietary MIBs for extended support on DOCSIS, EMTA, SIP, Router and WiFi Management

## Telephony

- Caller ID (DTMF/FSK)
- T.38 Fax Relay
- Simultaneous telephony on both RJ-11 ports
- G.165/G.168 Echo cancellation up to 16ms
- Codecs: G.711, G.723.1, G.729A/E, G.722

## Reception-Demodulation

- Demodulation: 64QAM, 256QAM
- Frequency (edge-to-edge):
  - ▷ 88~1002 MHz (DOCSIS)
  - ▷ 108~1002 MHz (Euro-DOCSIS)
- Channel Bandwidth:
  - ▷ 6 MHz (DOCSIS, DOCSIS-J)
  - ▷ 8 MHz (Euro-DOCSIS)
  - ▷ 6/8 MHz (Dual Mode)
- Signal Level: -15 dBmV to 17 dBmV

## 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, DOCSIS-J), 5 ~ 85MHz (optional)

## Router Functions

- MAC address filtering (IPv4/IPv6)
- IP source/destination address filtering (IPv4/IPv6)

- DHCP, TFTP and ToD clients (IPv4/IPv6)
- DHCP server supports RFC 1541 (IPv4)
- DHCPv6 obtains prefix from DHCPv6 server through prefix delegation
- Firewall with stateful inspection (IPv4/IPv6)
- Application content filtering (IPv4/IPv6)
- Hacker attack prevention
- VPN pass-through (IPv4/IPv6)
- Complete NAT software implemented as per RFC 1631 with port and address mapping (IPv4)
- DSLite support for IPv4 in-home support with IPv6 MSO backbone
- 6RD support for quick IPv6 deployment over IPv4 backbone

## Wireless

- 802.11b/g/n
- 2T2R 2.4 GHz with 300Mbps PHY data rate
- 20/40 MHz channel bandwidth
- Up to 8 BSSIDs
- Security: WEP-64/WEP-128, WPA-PSK/WPA2-PSK (TKIP/AES), WAPI
- QoS: WMM/WMM-PS
- Mesh Network: 802.11s
- WPS (Wi-Fi Protected Setup) PBC, PIN

## Mechanical

- 9 status LEDs (Power, Downstream, Upstream, Status, Ethernet, USB, Wi-Fi, Line 1/2)
- Factory default reset button
- Dimensions: 227mm (W) x 52mm (H) x 208mm (D)
- Weight: 600g ± 10g

## Environmental

- Supply voltage of external power supply:
  - ▷ Input 100 ~ 240 VAC 50/60Hz
  - ▷ Output 12VDC, 2A
- Power Consumption: 9W (standby), 16W (operation)
- Operating Temperature: 0°C (32°F) to 40°C (104°F)
- Operating Humidity: 10% to 90% (Non-condensing)
- Storage Temperature: -40°C (-40°F) ~ 70°C (158°F)
- Surge Protection: RF input sustains at least 3KV, Ethernet RJ-45 sustains at least 6KV

## Compliance Certificates

- CE Mark
- RoHS Compliant
- ECW 43 Certified



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