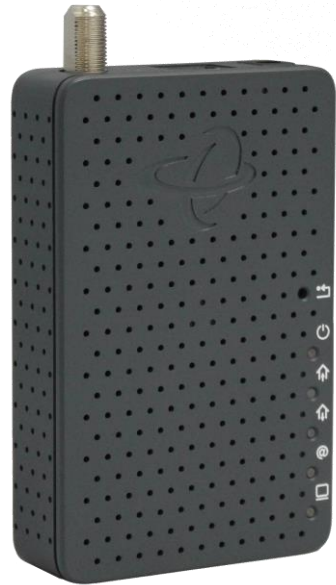




# DOCSIS 3.0 Cable Modem

CDA-CCC



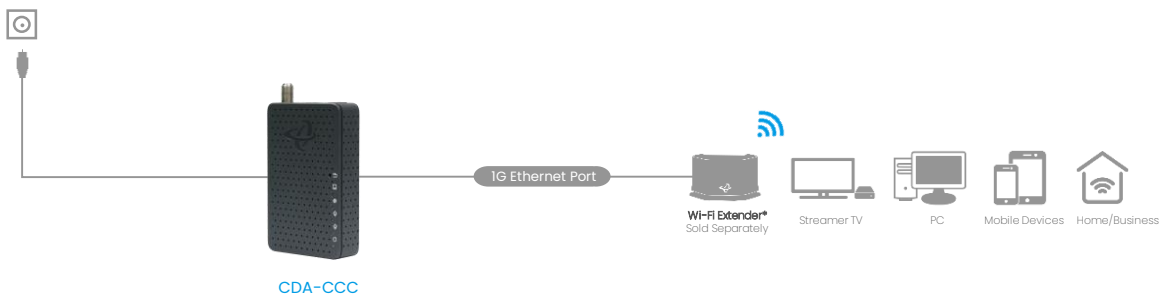
CDA-CCC is the perfect choice for cable operators who want to lower high-speed broadband access to their customer base economically. It delivers speeds of up to 320Mbps (8x4) with eight bonded downstream channels and 120Mbps with four bonded upstream channels over its DOCSIS interface. The integrated Gigabit Ethernet port enables easy home networking.

 <b>DOCSIS 3.0</b> Delivers 8x faster speeds than DOCSIS 2.0	 <b>1GigE</b> One Gigabit Ethernet Ports
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## Key Features

- DOCSIS 3.0 compliant
- 8x4 channel bonding
- Full-featured, high bandwidth, compact economical cable modem
- Extensive operator control via configuration file and SNMP
- Well-defined LEDs clearly display device and network status

## Application



# Specifications

CDA-CCC

## Reception-Demodulation

- Demodulation: 64QAM, 256QAM
- Data Rate: Up to 320 Mbps with 8 bonded downstream channels
- Frequency (edge-to-edge): 88 ~ 1002 MHz
- Channel Bandwidth: 6 MHz
- 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
- Output return loss: >6dB

## Protocol Support

- DOCSIS 3.0/2.0/1.1
- SNMP v1, v2C, v3
- DHCP, TFTP and ToD clients (IPv4/IPv6)

## 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

## Interfaces

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

## Mechanical

- 5 status LEDs (Power, DS, US, Status, LAN)
- Factory default reset button
- Dimensions: 110mm(H) x 70mm(W) x 25mm(D)
- Weight: 100g ± 10g

## Environmental

- Power Input DC: DC 12V/1A
- Power Consumption: 4W (typical), 5W (max)
- Operating Temperature: 32°F (0°C) to 104°F (40°C)
- Operating Humidity: 10% ~ 90% (Non-condensing)
- Storage Temperature: -40°F (-40°C) to 176°F (80°C)
- Surge Protection:
  - RF input sustains at least 6KV
  - Ethernet RJ-45 sustains at least 1.5KV

## Regulatory Compliance

- RoHS
- FCC
- CE



Specifications subject to change without further notice. Product photo may differ.  
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