

HITRON CDA3-35

DOCSIS 3.0 CABLE MODEM

FEATURES

- DOCSIS® 3.0 compliant
- Full Capture Bandwidth
- 32x8 channel bonding
- Full-featured, high bandwidth modem
- Extensive operator control via configuration file and SNMP
- Well-defined LEDs clearly display device and network status
- HD and UHD video on demand over IP connectivity to small home/office
- Enhanced basic data transmission features with IPv6 support

PRODUCT SPECIFICATIONS

PROTOCOL SUPPORT

- DOCSIS 1.1, 2.0, 3.0
- SNMP v1, v2C, v3
- DHCP, TFTP and ToD clients (IPv4/IPv6)
- L2VPN

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: 64 QAM, 256 QAM
- Data Rate: Up to 1.2 Gbps with 32 bonded downstream channels
- Frequency (edge to edge): 108-1002 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 320 Mbps with 8 upstream channel bonding
- Frequency: 5 ~ 85 MHz
- Support extended upstream transmit power
- Output return loss: > 6dB



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MECHANICAL

- 5 status LEDs (Power, DS, US, Status, LAN)
- Factory default reset button
- Dimensions: 144.5mm (W) x 166mm (H) x 51mm (D)
- Weight: 220g ± 10g

ENVIRONMENTAL

- Power: 12V / 1.5A
- Power Consumption: 12W (typical)
- Operating Temperature: 32° F (0°C) to 104° F (40°C)
- Operating Humidity: 10% ~ 90% (Non-condensing)
- Storage Temperature: -40° F (-40°C) to 140° F (60°C)
- Surge Protection
 - RF input sustains at least 4KV
 - Ethernet RJ-45 sustains at least 4KV

COMPLIANCE CERTIFICATES

- RoHS Compliant
- FCC, UL