

*ACI CM2100 / CM2100E
DOCSIS / EURO-DOCSIS Cable Modem*



Features

- Always on, always connected and always ready to go
- Use for existing RG58 Cable/ No telephone line needed
- Capable of downloading up to 100 times faster than traditional 28.8k analog phone modems
- Downloads extreme mega-files in seconds
- Convenient for real-time online gaming and console online access
- Ethernet connectivity for easy installation
- DOCSIS/EURO-DOCSIS 1.1 and DOCSIS/EURO-DOCSIS 2.0 Compliant
- Front-panel LEDs to indicate status
- User-friendly online diagnostics page
- Supports standard Internet software

Specification

DOWNSTREAM SPEC

- Modulation: 64 or 256 QAM
- Maximum Data Rate: 30 (64QAM), 42 (256QAM)
- Operating Level Range: -15 to +15 dBmV
- Frequency Range: 88~860 MHz (CM2100), 108~862 MHz (CM2100E)
- Input Impedance: 75 Ω (nominal)
- Bandwidth: 6Mhz

UPSTREAM SPEC

- Modulation Support: QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM(SCDMA Only)
- Frequency Range: 5 to 42 MHz (edge to edge)
- Operating Level Range: A-TDMA +8 to +54 dBmV (32 QAM, 64 QAM); +8 to +55 dBmV (8 QAM, 16 QAM); +8 to +58 dBmV (QPSK); S-CDMA +8 to +53 dBmV (all modulations)
- Output Impedance: 75 Ω (nominal)
- Maximum Data Rate: 30 Mbps
- Signal to Noise Ratio: >30

General

- WAN/Cable Interface: F-connector, female/75 Ω
- Network Interface: Ethernet 10/100Base-T* 1 port
- Data Protocol: TCP/IP
- LED Indication: Power, DS, US, ONLINE, LINK/ACT
- Power Supply: DC 12.0V
- Dimension (L* W* H): 160* 130* 30 mm
- Operating Temperature: 0°C ~ 40°C
- Storage Temperature: -20°C ~ 60°C
- Relative Humidity: 10% to 90% non-condensing
- Emission & Safety: Compliance with FCC Part15(CM2100); CE, LVD (CM2100E)



ACI Communications, Inc. reserves the right to discontinue the manufacture or change specifications without prior notice on any parts illustrated in this data sheet. Current drawings are available upon request.

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