

# RoHS Compliant Mini-Size DOCSIS / EURODOCSIS 1.0/1.1/2.0 CM

**CBM200 Series**

The DOCSIS / EURODOCSIS 1.0/1.1 / 2.0 Compliant Cable Modem is specially designed to enhance the bandwidth of the upstream up to 30Mbps. And it still works with all existing DOCSIS / EURODOCSIS 1.0/1.1/2.0 compliant head-end equipment (CMTS) and Multiple Service Operator (MSO) networks. Installation time of the modem is minimized due to the advanced initialization algorithms and signal acquisition technology resulting in typical service activation with in seconds of power-up. And it can also provide advanced remote and local diagnostics to allow cable operators to quickly and accurately pinpoint problems.

## Product Specifications

### Downstream /Receiver/

- Demodulation 64QAM, 256QAM
- Data Rate 30Mbps (64QAM), 43Mbps (256QAM)
- Frequency Range 88MHz to 860MHz DOCSIS  
108MHz to 862MHz EURODOCSIS
- Bandwidth 6MHz DOCSIS  
8MHz EURODOCSIS
- Input Power -15dBmV to +15dBmV

### Upstream /Transmitter/

- Modulation QPSK, 16QAM, 32QAM, 64QAM, 128QAM
- Data Rate 0.32 ~ 30.72Mbps(TDMA), 2.56 ~ 35.84Mbps(SCDMA)
- Frequency Range 5MHz to 42MHz DOCSIS  
5MHz to 65MHz EURODOCSIS
- Bandwidth 200KHz, 400KHz, 800KHz, 1600KHz, 3200KHz,  
6400KHz
- Output Power +8 to +58dBmV (QPSK), +8 to +55dBmV (16QAM)  
+8 to +54dBmV (32QAM) , +8 to +53dBmV (S-CDMA)

### Interface

- Ethernet Ethernet 10-baseT/100 Mbps (Auto MDI/MDIX)
- Cable Interface F-type female 75 ohm connector
- LED Power / Cable / LAN

### Environmental Specification

- Dimension 23 (H) x 56 (W) x 103 (D) mm
- Weight 90 g
- Input 5V DC, 2A
- Temperature 0 degree Celsius to 40 degree Celsius
- Humidity 95% Non-condensing

### Certifications

- FCC, VCCI



## Features

- DOCSIS/EURODOCSIS 1.0/1.1 / 2.0 Compliant
- Cigarette box size
- Ethernet 100Mbps (Auto MDI/MDIX)
- QoS enhancement
- Low Power Consumption
- MSO SNMP v1/v2c/v3 remote network management
- Field software upgradeable by MSO
- Embedded DHCP server support
- Web log
- Support VPN pass through
- Supports up to 63 networked clients

### Ordering Information

Ordering Information	
CBM200	DOCSIS Cable Modem
CBM200E	EURODOCSIS Cable Modem