

# DOCSIS / EURODOCSIS 1.0 / 1.1 / 2.0 Compliant Cable Modem

## DP1110XB2F / DP1112XB2F

The DOCSIS 1.1 / 2.0 Cable Modem is specially designed to enhance the bandwidth of the upstream up to 30Mbps and backward compatible with all existing DOCSIS 1.0/1.1 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
- 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 / DATA

#### Environmental Specification

- Dimension 141 x 108 x 29mm
- Input 9V, 12V AC 1A
- Power Consumption < 5W(max), standby < 3W
- Temperature 0 degree Celsius to 40 degree Celsius
- Humidity 95% Non-condensing

#### Certifications

- CE, FCC



### Features

- DOCSIS 1.0 / 1.1 / 2.0 Compliant Cable Modem
- Low Power Consumption
- QoS Enhancement
- Embedded DHCP server support
- SNMPv1/v2C/v3 remote network management
- Field software upgradeable by MSO
- Supports up to 63 networked clients
- Web log support
- Support VPN pass through