

SuperLink

2810



**DOCSIS 2.0 CERTIFIED
CABLE MODEM**

SuperLink 2810

■ Product Introduction

Cable Modem uses existing CATV networks to provide Internet connection that is up to 100 times faster than a 56K analog modem and 15 times faster than ISDN.

JOOHONG's external cable modem, SuperLink 2810, is a new concept product that uses existing CATV networks to provide high-speed Internet communication, video on demand, music on demand, video conference, on-line game, high speed data transmission and other various multimedia application programs.

SuperLink 2810 can transmit data at a maximum speed of 40Mbps for downstream and 30Mbps for upstream on 6MHz channel bandwidth and communicate using CATV networks without any help from a phone connection.

The cable modem is easy to install using either a USB or a standard Ethernet 10/100Base-T to your PC or to the network hub in a small business with support for up to 32 PCs, supplying residential and business users with one of the fastest truly two-way connections to the Internet.

SuperLink 2810 complies with the MCNS (Multimedia Cable Network System) standard.

■ Features and Benefits

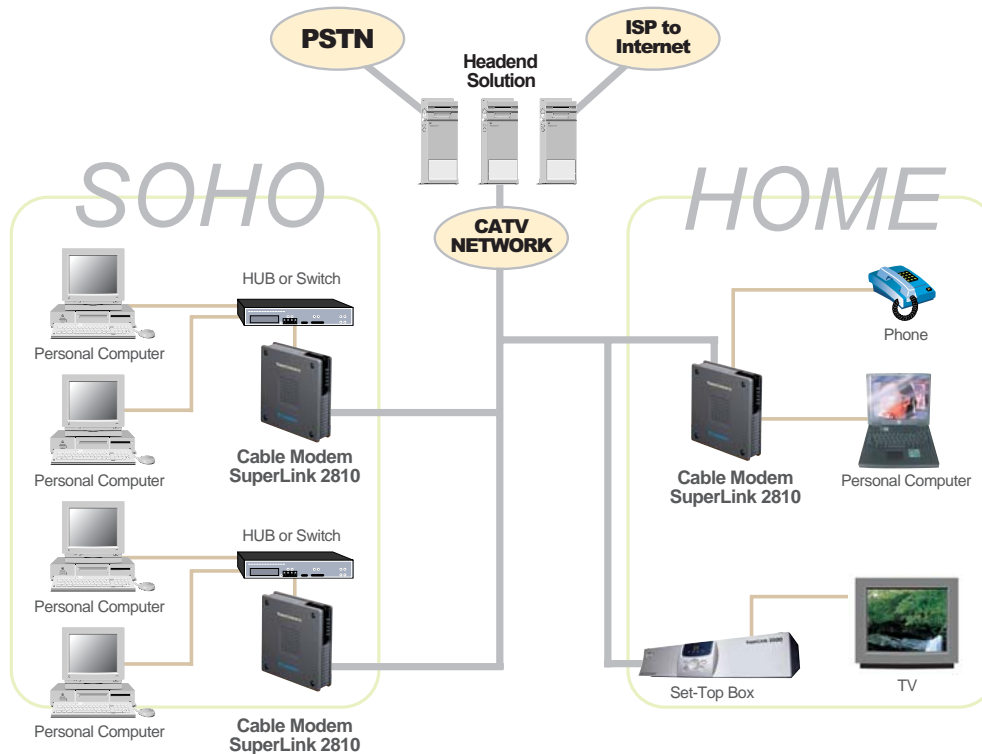
- DOCSIS 2.0 Certified Cable Modem
- Integrated A-TDMA and S-CDMA Technology
- Both a 10/100Base-T Ethernet and a USB to CPE (Customer Premise Equipment)
- Enhanced bi-directional performance for reliable data throughput
- Front panel status LEDs and built-in HTML-based diagnostics for quick and easy troubleshooting
- Compatible with Windows 2000 /Me /XP
- Supports up to 32 Users (1 via USB and 31 via Ethernet or 32 users on Ethernet)
- Software upgradeable over the network
- Remote management via SNMP



JOOHONG
Information & Communications Ltd.

SuperLink 2810

DOCSIS 2.0 CERTIFIED CABLE MODEM



Downstream

- Data Rate: Max.38 Mbps
- Symbol rate: 5.069 Msym/sec(64 QAM) / 5.361 Msym/sec(256 QAM)
- Modulation: 64 QAM / 256 QAM
- Bandwidth: 6 MHz
- Frequency Range: 88 MHz to 860 MHz
- Input signal level: -15 dBmV~ +15 dBmV
- Input Impedance: 75 ohms, nominal
- Error correction: Reed-solomon / Trellis

Upstream

- Data rate:
Max.5 Mbps(QPSK) / 10 Mbps(16 QAM) / 30 Mbps(64 QAM)
- Modulation:
QPSK / 16 QAM / 32 QAM / 64 QAM / 128 QAM(S-CDMA)
- Bandwidth:
200 KHz, 400 KHz, 800 KHz, 1600 KHz, 3200 KHz, 6400 KHz
- Frequency range: 5 to 42 MHz
- Output signal level:
+8 dBmV to +58 dBmV (QPSK) / +8 dBmV to +55 dBmV (16 QAM)
+8 dBmV to +54 dBmV (32QAM) / +8 dBmV to +54 dBmV (64 QAM)
+8 dBmV to +53 dBmV (all modulation/S-CDMA)
- Error correction: Reed-solomon

Power Supply

- AC adapter input: AC120V 60Hz or AC230V 50Hz or Free Voltage (100-240V)
- Cable Modem input: DC9V 1.2A or DC12V 1A
- Power consumption: Max10W

Physical Characteristics

- Dimension: 150(W) X 150(D)X 34(H) mm
- Weight: 1.1 lbs

Suitable Environment

- Temperature while in use: 32~104 °F (0~40 °C)
while in storage: 4~176 °F (-20~60 °C)
- Humidity: 10~90%, non-condensing

※ This Product can be modified without any announcement to improve external appearance and standard for products performance.

<http://www.joohong.co.kr>

LACEYTECH
SMARTER SOLUTIONS

Laceytech LLC
11607 Buckingham Road
Austin, TX 78759
+1 512 335 7422 phone
sales@laceytech.com
www.laceytech.com