

DECT Cable Modem IAD

AW-309 (DECT 2-Line)

IAD Key Features:

- ✧ DOCSIS/ EURODOCSIS 1.0/1.1/2.0 compliant
- ✧ Vertical footprint for better heat dissipation
- ✧ Ultra fast downstream scanning algorithm
- ✧ SNMP v1/ v2c/ v3 network management
- ✧ Field software upgradeable by MSO
- ✧ Supports up to 63 networked clients
- ✧ Supports VPN pass through
- ✧ Low power consumption
- ✧ Embedded DHCP server
- ✧ Web based management
- ✧ DES encryption for security
- ✧ QoS enhancement



IAD Specification:

- **Standard:**
 - DOCSIS/ EURODOCSIS 1.0/1.1/2.0
- **DOCSIS/ EURODOCSIS Downstream**
 - Demodulation: 64QAM, 256QAM
 - Data Rate: (DOCSIS) 30Mbps (64QAM), 43Mbps (256QAM)
(EURODOCSIS) 41Mbps (64QAM), 55Mbps (256QAM)
 - Frequency Range: (DOCSIS) 88MHz to 860MHz
(EURODOCSIS) 108MHz to 862MHz
 - Bandwidth: (DOCSIS) 6MHz
(EURODOCSIS) 8MHz
 - Input Signal Level: -15dBmV to +15dBmV
- **DOCSIS/ EURODOCSIS Upstream**
 - Modulation: QPSK, 16QAM, 32QAM, 64QAM, 128QAM
 - Data Rate: (TDMA) 0.32-30.72Mbps
(SCDMA) 2.56-35.84Mbps
 - Frequency Range: (DOCSIS) 5MHz to 42MHz
(Japan) 5MHz to 55MHz
(EURODOCSIS) 5MHz to 65MHz
 - Bandwidth: 200KHz, 400KHz, 800KHz, 1600KHz, 3200KHz, 6400KHz
 - Output Signal Level: (QPSK) +8dBmV to +58dBmV
(16QAM) +8dBmV to +55dBmV
(32QAM) +8dBmV to +54dBmV
(SCDMA) +8dBmV to +53dBmV
- **Interface**
 - USB USB1.1
 - Ethernet Ethernet 10-base T/100 Mbps
 - Cable Interface F-type female 75 ohm connector

Application:

DECT & VoIP Specification:

- Same as AW-209

