

Cable Modem

Model: Zakka-M



Main Feature:

- Support both US-DOCSIS2.0/1.1 and Euro-DOCSIS2.0/1.1 standards
- One hardware for 2 cable modem standards
- Support BPI/BPI+ communications privacy
- Downstream modulation: 64QAM and 256QAM
- Upstream modulation: QPSK,8QAM,16QAM,32QAM,64QAM and 128QAM
- Bandwidth: 6MHz for US and 8MHz for Europe
- Max Bit Rate: 30Mbps(64QAM) and 42Mbps(256QAM) for US
- Max Bit Rate: 41Mbps(64QAM) and 55Mbps(256QAM) for Europe





Technical Specification:

Downstream(Receiver) for US-DOCSIS

Standard	US-DOCSIS2.0/1.1
Center Frequency	93 to 855MHz \pm 30KHz
RF Level (per channel)	-15dBmV to +15dBmV
Modulation	64QAM and 256QAM
Max Bit Rate	30Mbps(64QAM) and 42Mbps(256QAM)
Bandwidth	6MHz
Total Input Power (40--900MHz)	<30dBmV
Input Impedance	75 ohms
Input Return Loss	>6dB (88 to 860MHz)
Connector	F connector

Downstream(Receiver) for Euro-DOCSIS

Standard	Euro-DOCSIS2.0/1.1
Center Frequency	112 to 858MHz \pm 30KHz
RF Level (per channel)	-17dBmV to +17dBmV
Modulation	64QAM and 256QAM
Max Bit Rate	41Mbps(64QAM) and 55Mbps(256QAM)
Bandwidth	8MHz
Total Input Power (40--900MHz)	<30dBmV
Input Impedance	75 ohms
Input Return Loss	>6dB (85 to 862MHz)
Connector	F connector

Upstream (Transmitter) for US-DOCSIS

Frequency	5 to 42MHz edge to edge
RF Level (per channel)	TDMA: +8 to +54dBmV (32QAM, 64QAM) +8 to +55dBmV (8QAM, 16QAM) +8 to +58dBmV (QPSK) S-CDMA: +8 to +53dBmV (all modulations)
Modulation	QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM
Modulation Rate (nominal)	TDMA: 160, 320, 640, 1280, 2560 and 5120KHz S-CDMA: 1280, 2560 and 5120KHz
Max Bit Rate	30.72M bps
Bandwidth	TDMA: 200, 400, 800, 1600, 3200, 6400KHz S-CDMA: 1600, 3200, 6400KHz
Output Impedance	75 ohms
Output Return Loss	>6 dB (5--42MHz)
Connector	F Connector

Upstream (Transmitter) for Euro-DOCSIS

Frequency	5 to 65 MHz edge to edge
-----------	--------------------------



Cable Modem

Zakka-M

RF Level (per channel)	TDMA: +8 to +54dBmV (32QAM, 64QAM) +8 to +55dBmV (8QAM, 16QAM) +8 to +58dBmV (QPSK) S-CDMA: +8 to +53dBmV (all modulations)
Modulation Type	QPSK, 8QAM, 16QAM, 32QAM, 64QAM, 128QAM
Modulation Rate (nominal)	TDMA: 160, 320, 640, 1280, 2560 and 5120KHz S-CDMA: 1280, 2560 and 5120KHz
Max Bit Rate	30.72M bps
Channel Bandwidth	TDMA: 200, 400, 800, 1600, 3200, 6400KHz S-CDMA: 1600, 3200, 6400KHz
Output Impedance	75 ohms
Output Return Loss	>6 dB (5--65MHz)
Connector	F Connector
Physicals	
Power Supply	DC 5V, 1.5A (with adapter)
Power Consumption	Max 5W
Operation Temperature	0 to 65°C to 95% RH
Storage Temperature	-40 to 70°C to 95% RH
Ethernet Interface	IEEE 802.3 Direct Ethernet Interface
Cable Interface	F-Type Connector female, 75ohm
USB Interface	B-Type Socket male

Front Panel View:



Rear Panel View:



www.dh-tv.com

Address: No.3 Feng Zhi East Road, Xi Bei Wang Town, Hai Dian District, Beijing, 100094, China
Telephone: (+86)010-57802000, **Email:** support@dh-tv.com

