mojinno

Manufacturer of all types of modems: OPTICAL FIBER, TDLTE, 5G,..

MOJINNO MA8245H2

Product Details:

Mojinno MA8245H2 provides these features:

GPON Port

• Class B+
• Receiver sensitivity: -27dBm
• Wavelengths: US 1310 nm, DS 1490 nm
• Wavelength blocking filter (WBF)
• Flexible mapping between GEM Port and TCONT
• GPON: consistent with the SN or password authentication defined in G.984.3
• Bi-directional FEC
• SR-DBA and NSR-DBA

Ethernet Port
• Ethernet port-based VLAN tags and tag removal
• 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission
• QinQ VLAN
• Limit on the number of learned MAC addresses
• MAC address learning

POTS Port
• Maximum REN: 4
• G.711A/|, G.729a/b, and G.722 encoding/decoding
• T.30/T.38/G.711 fax mode
• DTMF
• Emergency calls (with the SIP protocol)

USB Port
• USB2.0
• FTP- based network storage

WLAN
• IEEE 802.11 b/g/n
• 2 x2 MIMO
• Antenna gain: 2 dBi
• WMM

- Multiple SSIDs
- WPS
- Air interface rate: 300 Mbps

Smart interconnection
- Smart Wi-Fi coverage (V300R015C10)
- SIP/H.248 auto-negotiation
- Any port any service
- Parental control (V300R015000)
- L2/L3 forwarding:1G uplink, 2G downlink

Smart service
- Smart Wi-Fi sharing:
- Portal802.1x authentication (V300R015C10)
- SoftGRE-based sharing (V300R015C10)
- Association of one account with wo POTS ports

Smart O&M
- IPTV video quality diagnosis (V300R015c10)
- Variable-length OMCI messages
- Active/Passive rogue ONT detection and isolation
- Call emulation, and circuit test and loop-line test
- PPPoE/DHCP simulation testing

• WLAN emulation

Layer 3 Features
• PPPoE/DHCP simulation testing
• WLAN emulation
• PPPoE/Static IP/DHCP
• NAT/NAPT
• Port forwarding
• ALG, UPnP
• DDNS /DNS server/DNS client
• IPv6/Pv4 dual stack, and DS-Lite
• Static/Default routes
• Multiple services on one WAN port

Multicast
• IGMP V2v3 proxy (V300R015C00)/snooping
• MLD v1/v2 snooping
• Multicast services through Wi-Fi

Qos
• Ethernet port rate limitation
• 802.1p priority
• SP/WRR/SP+WRR
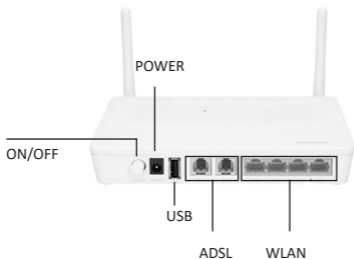• Broadcast packet rate limitation

Security
• SPI firewall
• Filtering based on MAC/IP/URL addresses

Common O&M
• OMCI/Web UI/TR069
• Dual-system software backup and rollback

Power Saving
• Indicator power saving
• Scheduled Wi-Fi shutdown (V300R01500)

POWER

ON/OFF

USB

ADSL   WLAN

Specification

Dimensions (L x W x H)	176x 138.5 mm x28mm (without an external antenna)
Operating temperature	0C to +40*C
Operating humidity	5% RH to 95% RH (non-condensing)
Power adapter input	100-240 V AC, 50/60 Hz
System power supply	11-14 VDC, 1.5A
Static power consumption	5.5W
Maximum power consumption	16.5W
Ports	2POTS + 4GE +2.4G Wi-Fi+ 1USB
Indicators	POWER/PON/LOS/LAN/TEL/ USB/WLAN/WPS

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