



Part No.: 174279
Vendor Part No.: ALL-BM300

ALLNET ISP Bridge Modem g.fast / VDSL2 Profile 35b/17A



EAN CODE



ALLNET ISP Bridge Modem g.fast with supervision / point-to-point modem VDSL g.fast via 2-wire managed slave "ALL-BM300

Highlight:

- Universal VDSL2 & G.Fast Bridge Modem
- Supports VDS2 / VDSL2 Vectoring (100Mbit) and Super-Vectoring 35b (250Mbit DeutscheTelekom connections)
- Supports g.fast 106MHz and g.fast 212MHz profile
- Integrated splitter for simultaneous analog telephony and broadband via the 2 wire pair.
- In combination with ALL-BM310 bridge master, it can be used as point-to-point g.fast solution.

The ALLNET ALL-BM300 is a multi VDSL2 & G.fast Bridge Modem, which allows you to access the VDSL2 Internet in a fast and easy way. The modem is simply connected to a broadband router, firewall PC or MAC, no further settings are necessary (for VLAN settings a VLAN ID can be configured in the web interface). Only your router/firewall/PC etc. needs to be connected to the LAN port/connection.

It is ITU-T compliant and complies with the G.9700/9701 standard and supports the G.fast 106/212 double wave profile. The bandwidth is up to 1 Gbps symmetrical data transmission and is perfectly suited for FTTpd/FTTN applications. The ALL-BM300 is a cost-effective solution that provides end users with high-speed Internet access over existing copper wire infrastructure. ALL-BM300 is also backward compatible with VDSL2 Super-Vectoring Profile 35b and VDSL2 Profile 17A.

Technical Details:



Features:

- Compliant with IEEE 802.3 / 802.3u / 802.3ab Ethernet Standard
- Compliant with ITU-T G993.2 VDSL2 standard (ALL-BM300 only)
- Compliant with ITU-T G998.4 G.INP standard (ALL-BM300 only)
- Compliant with ITU-T G.9700/G.9701 G.fast standard
- Backward compatible VDSL2/V35b (ALL-BM300 only)
- Support 106a/ & 212a/ dual G.fast band profile
- Support super Vectoring for V35b / G.fas(ALL-BM300 only)
- Support Vectoring for VDSL2(ALL-BM300 only)
- Support High Bandwidth up to 1Gbps
- Support USB 3.0 for connecting USB Dongle
- Support static routing for IPv4 and IPv6 forwarding(ALL-BM300 only)
- Mac Address based filtering
- Support 8 queue MFC/DSCP both type QoS
- Support HTTP/HTTPS web management
- Support SSL security
- Support remote management and monitor
- Support configuration backup and restore
- On board surge protection for Line port
- Support bridge(switch) / Router mode(ALL-BM310 Master only)
- Support RJ-11 / Terminal block combo line port
- Support NTP Time Server.
- Support TR-069.
- On board POTS/ISDN splitter
- Support Jumbo frame(MTU) up to 1600 bytes

Specifications

Standards

- IEEE802.3/802.3u/802.3ab standards
- ITU-T G9700/G9701 standards
- ITU-T G993.2/G998.4 standards (ALL-BM300 only)

Physical Interface

- 4 x RJ-45 10/100/1000 Mbps Ethernet port
- 1 x RJ-11 / Terminal block combo for line port
- 1 x RJ-11 connector for POTS/ISDN phone device
- 1 x Reset Button for resetting to factory default
- 2 x USB3.0 for connecting USB dongle
- 1 x Power LED
- 4 x Link/Active Status for Ethernet port
- 1 x Link LED for G.fast mode
- 1 x Link LED for xDSL mode

Button

Routing
(ALL-BM300 only)

IP Multicast, IGMP Proxy, Snooping
Static Routing IPv4, IPv6 forwarding

Firewall

Input Power
Dimensions:
Net weight:
Temperature
Humidity
Marks

Package Contents:

DHCP Server/Relay/Client IPv4/IPv6
DNS Proxy and Relay, NTP Client
IPv6 Firewall
Packet, URL filtering
Parental Control, DMZ Host
DC 12V / 2A including
196mm x 146mm x 40 mm (7.72" x 5.75" x 1.57")
approx. 0.4 kg
0°~50° C (Operating), -20° ~70° C (Storage)
10 - 90% non-condensing

- CE
- FCC
- RoHS Compliant
- 1x ALL-BM300
- 1x 12V/2A Powersupply
- 1x Patchcable
- 1x QIG

Additional Images



Accessories

Part No.	Name
174748	ALLNET Punkt-zu-Punkt Modem g.fast via 2-Draht managed Master "ALL-BM310"
128088	ALLNET Ersatznetzteil 12V/2,5A mit KEFA (Phoenix® kompatibel) (z.B. BM300/BM310)