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

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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:

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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
Button	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

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Routing (ALL-BM300 only)	IP Multicast, IGMP Proxy, Snooping Static Routing IPv4, IPv6 forwarding DHCP Server/Relay/Client IPv4/IPv6 DNS Proxy and Relay, NTP Client
Firewall	IPv6 Firewall Packet, URL filtering Parental Control, DMZ Host
Input Power	DC 12V / 2A including
Dimensions:	196mm x 146mm x 40 mm (7.72" x 5.75" x 1.57")
Net weight:	approx. 0.4 kg
Temperature	0°~50° C (Operating), -20° ~70° C (Storage)
Humidity	10 - 90% non-condensing
Marks	• CE • FCC • RoHS Compliant
Package Contents:	• 1x ALL-BM300 • 1x 12V/2A Powersupply • 1x Patchcale • 1x QIG

Accessories

Part No.	Name
174748	ALLNET Point-to-Point Modem g.fast via 2-Wire Managed Master
128088	ALLNET Ersatznetzteil 12V/2,5A mit KEFA (Phoenix® kompatible) (z.B. BM300/BM310)
6016	Kabel TK TAE-Adapter,flach,TAE-F -> RJ11/RJ12, Bulkware

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