ALLNET ALL126AM3 / VDSL2 Master CO over 2 Wire
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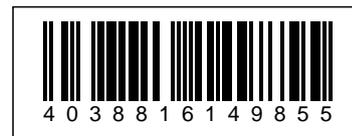
VDSL2 Master Modem for leased lines via 2-wire connections up to a length of
max. 2200 meters and a bandwidth of 100 Mbit/s (depending on length)

Highlights:

- VDSL CO master modem according to VDSL2 standard for high data throughput
- Integrated 4-port Ethernet 10/100Mbps switch
- Two RJ11 sockets for telephone/line connection
- Integrated DSL splitter and overvoltage protection
- Various VDSL bandwidth profiles configurable
- Configuration via web browser (HTTP/HTTPS)
- Energy-saving, low power consumption (only approx. 5.5W)
- VDSL technology from metanoia to 100Mbps/symm.
- Can be used for pure point-to-point connection in connection with a slave CPE modem e.g. ALL126AS3
- Network connection via twisted two-wire telephone cable
- Parallel telephony connection for analogue telephone on the same line possible

The ALLNET ALL126AM3 VDSL Master Modem can be used in conjunction with the ALL126AS2 VDSL Slave Modem to create leased lines over a simple 2-wire copper line with a length of up to 2.5 kilometers.

Bandwidths of up to 100 Mbps are possible at short distances.

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At the same time, analog telephones can be connected and operated via the same line. Existing telephone cabling can thus also be used for high-performance data services. Especially for outbuildings / hotels / hospitals, this technology is the optimal solution to provide cost-effective, high-performance network applications via 2 twisted-pair cables with minimum effort.

Technical Details:

Element	Spezifikation
Chipsets:	Metanoia VDSL MT-5311 ARM Cortex A9
Standards:	IEEE802.3 standard IEEE802.3u standard ITU-T G993.2 VDSL2 standard
Pysical Interface:	Complies with ITU-T G993.2 Connector: RJ-11 On board POTS/ISDN splitter On board surge protection
Max. Bandwidth:	Symetric 100 Mbps max. 300m
LED-Indicators:	LAN: Act/Link, Power; VDSL2: Link
IP Adress QoS:	- IPv4/IPv6 - 8 queue - MFC / DSCP - 802.1P VLAN priority
Features:	- Adopts ARM Cortex A9 dual-core processor - support http/ https web management - Support CO side bridge mode - Support 8 bands selectable - Support USB 2.0 for Dongle device - Support G.998.4 G.INP - On board surge protection for Line port - Support 8 queue MFC/ DSCP both type - Support SSL/ SSH Security - Support IPV4/ IPV6 address - Support configuration backup and restore - Support Dual Firmware Image Backup - Support TR-069 - VLAN Tag pass through - Mac Address based filtering
Power-Consumption:	5.52W
Temperature:	Temperature Operating: 0°C ~ 50°C (32°F ~ 122°F)

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	Temperature Storge: -20°C ~ 70°C (-4°F ~ 150°F)
Humidity:	10 to 90% (non-condensing)
Dimmensions:	184 x 146 x 40 mm (7.2" x 5.74" x 1.57")
Marks:	CE
Package Content:	- ALL126AM3 VDSL Master Modem - 12V 1A Powersupply - 1 Patchcable LAN - 1 RJ11 Telefon cable

Accessories

Part No.	Name
99305	ALLNET / ALL95100 TP Cat 6 / PoE Surge arrester
103889	ALLNET ALL126AS3 / VDSL 100 Mbit Slave Modem "ADSL-Backward"
200408	ALLNET point-to-point modem VDSL2 via 2-wire unmanaged "ALL-MC116V2" / Max. 3km with max. 160Mbit/s
144404	ALLNET ALL-BM200VDSL2 / VDSL2/ADSL Bridge Modem / Vectoring
105571	ALLNET spare power supply 12V/2,0A

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