ALLNET ALL126Ax2 Bundle / VDSL2 ALL126AM2 + ALL126AS3 Modem

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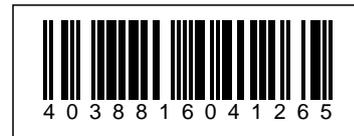
VDSL2 Pair of Modems for dedicated lines via 2-wire connections up to a length of 2.5km and a bandwidth of max. 100 Mbps

HIGHLIGHTS

- VDSL2 standard for high data throughput
- Integrated 4-Port Ethernet 10/100Mbps Switch
- Two RJ11 ports for phone/line
- Integrated DSL-splitter and surge protection
- Flexible VDSL bandplan-profiles
- Automatic speed adjustment for VDSL2-Port
- Configuration via webbrowser and/or RS232C console port
- Configurable as router or switch
- Energy saving, low power consumption (only about 6.9W)
- Advanced VDSL technology from Infineon® for up to 100 Mbps/symm.
- Diagnostic function for line quality
- Private point-to-point-operation or public DSL-provider-connection
- Connection via twisted 2-wire-phonecable
- Simultaneous telephony for analog or UK0 (ISDN) on the same wire
- Bracket for wall mounting

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Via the**ALLNET ALL126AM2 VDSL master modem** in conjunction with the **ALLNET ALL126AS3 VDSL slave modem** dedicated lines can be realized by a simple 2-wire copper cable with a length of up to 5 kilometers. For short distances bandwidths of up to 100 Mbps are possible.

At the same time analog telephones can be connected and operated on the same line. An existing telephone wiring can thus also be used for data services with high performance.

Specially designed for hotels and hospitals, this technology represents the optimal solution cost, to provide performant network applications with minimal effort.

Technical Details:

Element	Specification
Chipsets:	Lantiq MIPS ADM5120P Lantiq VINAX
Standards:	IEEE802.3/802.3u standards ITU-T G993.2 VDSL2 standard
Interface:	4x RJ-45 10/100Mbps Auto-Negotiation RJ-45 Ethernet port 1x RJ-11/Terminal Block connector for VDSL2 line port 1x RJ-11 connector for POTS/ISDN device
Band Profile:	8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, 30a
Band Plans:	997, 998
Max. Bandwidth:	Symmetric 100 Mbps/300m
LED-Indication:	Power LED 4x Link/Active Status for Ethernet Port Link LED for VDSL2 Port
Switch method:	Store and forward
Management and Features:	- Provides POTS/ISDN Splitter on board - Supports Downstream Power Back-Off (DPBO) - Supports auto speed for VDSL2 port - Supports Web management (HTTP), TFTP, Console (RS232) - Supports uPnP/PPPoE/NAT/DHCP/DMZ/Firewall - Supports Router & Switch (Bridge) mode - Supports Loop back test - Supports SNR indicator for check phone wiring quality - Supports Interleave delay for Data Error & Noise Against - Provides surge protection for VDSL2 port

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Console Port:	RS-232C/115200bps
Flow control:	Full duplex: IEEE 802.3x Half duplex: Back pressure
Power Consumption:	5.52W - 6.12W
Environment:	Temperatur Operating: 0°C ~ 50°C (32°F ~ 122°F) Temperatur Storage: -20°C ~ 70°C (-4°F ~ 150°F) Humidity: 10 to 90% (non-condensing)
Dimensions:	Width/Height/Depth: 183 x 36 x 145 mm (7.2" x 5.74" x 1.57") Weight: 0,385kg (without power supply)
Mark:	CE
Package contents:	- ALL126AM2 VDSL Master Modem - ALL126AS3 VDSL Slave Modem - each Power Supply 12V/1A - each CD with manual (english) - each 1 Patch cable LAN & each 1 Patch cable phone (Western connector)

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