ALLNET
ALL126AS3

VDSL2 Master Modem for dedicated lines via 2-wire connections up to a lenght of 2.5km and a bandwidth of 100 Mbit/s (depends on length)

Advantage, in contrast to previous VDSL modems (ALL126AS/ALL126AS2):

Automatically detects the operation mode - either slave modem at the ALLNET master or as VDSL modem at the provider (Deutsche Telekom, etc.)

- 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
- Energy saving, low power consumption (only about 6.7W)
- 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

Art.-Nr. 103889

Note: Product specification is subject to change without notice

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 2.5 kilometers. For short distances bandwidths of up to 100 Mbit/s 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.

Element	Specification
Chipsets:	Lantiq VRX
Standards:	IEEE802.3/802.3u/802.3z standards ITU-T G992.1/G992.3/G992.5/G993.1/G997.1/G993.2 standards
Interface:	4x RJ-45 10/100Mbps auto-negotiation RJ-45 Ethernet port 1x RJ-11 connector für VDSL2 1x RJ-11 connector POTS/ISDN device 1x console port(RS232C/115200bps)
Band Profile:	8a, 8b, 8c, 8d, 12a, 12b, 17a, 17b, 30a
Band Plans:	997, 998
Max. Bandwidth:	Symmetric 100 Mbps/300m
LED indicators:	Power LED 4x Link/Active Status for Ethernet Port Link LED for VDSL Port
Switch method:	Store and forward
Management and Features:	- supports ATM and PTM transmission mode auto detection(ADSL Annex B backward compatible) - supports ATM-TC,ATM and AAL5 (ATM Flow Throughput / OAM Cell Filter and Forwarding / AAL5 SAR:PVC / ATM Traffic Class / ATM PVC Shaping / ATM PVC Scheduling) - supports ATM Total Upstream Priority Queues - supports IPv4/IPv6 - supports Multicast IP table/IGMP v3 Proxy and Snooping - supports IEEE 802.1p VLAN Priority and mapping to DSCP - supports HTTP/HTTPS(SSL) web management - supports remote management and monitor - supports configuration backup and restore - supports 8 queue MFC/DSCP both type QoS - supports IEEE 802.1p VLAN Priority and mapping to DSCP - Provides surge protection for Line port
Console Port:	RS-232C/115200bps
Flow control:	Full duplex: IEEE 802.3x Half duplex: Back pressure

Element	Specification
Power Consumption:	6.7W
Input Voltage:	12 VDC
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:	- ALL126AS3 VDSL Slave Modem - 1 Power Supply 12V/1A - 1 CD with manual (english) - 1 Patch cable LAN - 1 Patch cable phone (Western connector)