

LANCOM 1803VA-5G (EU) gateway/controller



Artikel
Herstellernummer
EAN
LANCOM Systems

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SD-WAN VoIP gateway with VDSL and 5G

Highest availability and best bandwidths on all lines: The SD-WAN gateway LANCOM 1803VA-5G offers a wide range of interfaces with VDSL, fiber optics, and 5G, allowing you to reliably connect small and medium-sized business sites. The option to use multiple Internet lines in parallel ensures ideal load distribution and maximum flexibility, even for business-critical applications and higher data volumes. The connection of telephony components as well as mobile employees and other locations to the corporate network via VPN is done in no time at all with the LANCOM 1803VA-5G. In combination with the LANCOM Management Cloud (LMC), you benefit from automated and centralized network management that saves you resources such as money and time.

LANCOM SD-WAN – Next-level networking

With LANCOM SD-WAN you can manage and monitor your entire corporate network centrally, cost-effectively, quickly, and stress-free! In combination with the LANCOM Management Cloud, the SD-WAN gateway gives you all the options for an automated setup of secure VPN connections (Auto-VPN) between sites, including network virtualization. Highlight features such as High Scalability VPN (HSVPN) and Advanced Mesh VPN offer you a significant plus in scalability and efficiency for a large number of branches and applications. Furthermore, if multiple WAN connections are defined, they are automatically operated in active/active mode (load balancing), thereby increasing the available total bandwidth. With Dynamic Path Selection and Dynamic Traffic Steering, applications are also dynamically routed via the best connection at any given time.

Fully future-proof with 5G

Thanks to high-performance 5G technology, the LANCOM 1803VA-5G is ideal for intelligent backup scenarios, primary operation, or parallel operation in active/active mode with other access types. Highest availability and best bandwidths for the use of real-time applications such as video streaming or augmented reality (AR) in combination with lowest latencies make the branch router the ideal node in environments with high data traffic.

WAN connectivity with VDSL Supervectoring

The LANCOM 1803VA-5G offers full VDSL Supervectoring support and is also backwards compatible with VDSL2 and ADSL2+. Data rates of up to 300 Mbps are possible on existing copper lines.

Zusammenfassung

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LANCOM 1803VA-5G (EU), Black, 1 fan(s), External, SMA, 2 dBi, SNMPv1,v2c,v3

LANCOM 1803VA-5G (EU). Product colour: Black, Number of fans: 1 fan(s). Antenna type: External, Antenna connector type: SMA, Antenna gain level (max): 2 dBi. Management protocols: SNMPv1,v2c,v3, Supported network protocols: Ethernet over GRE-Tunnel (EoGRE), L2TPv3, ARP-Lookup, LLDP, DHCP option 82,..., VoIP protocols: SIP ALG. Ethernet LAN data rates: 10,100,1000 Mbit/s, Networking standards: IEEE 802.1Q, IEEE 802.3az, Mobile network generation: 5G. Security algorithms: 3DES, AES, FIPS 140, SHA-1, SHA-256, SHA-384, SHA-512, Authentication method: PAP, CHAP, MS-CHAP, MS-CHAPv2

Merkmale

		Features	
Performance		Antenna type	External
Control display unit	No	Antenna connector type	SMA
		Antenna gain level (max)	2 dBi
		Antennas quantity	4
Logistics data		Management features	
Country of origin	Germany	Quality of Service (QoS) support	Yes
Customs product code (TARIC)	85176200	Reset button	Yes
		Syslog	Yes
		Multicast support	Yes
Operational conditions		Weight & dimensions	
Operating temperature (T-T)	0 - 40 °C	Width	293 mm
Operating relative humidity (H-0 - 95% H)		Depth	190 mm
		Height	44 mm
		Weight	810 g
Packaging content		Network	
AC adapter included	Yes		
Manual	Yes		

Design

Product colour	Black
LED indicators	Yes
Number of fans	1 fan(s)

Packaging data

Package width	210 mm
Package depth	320 mm
Package height	110 mm

Power

Power consumption (max)	34 W
Power consumption (idle)	13 W
Heat dissipation	136 BTU/h

Ethernet LAN data rates	10,100,1000 Mbit/s
Networking standards	IEEE 802.1Q, IEEE 802.3az
Mobile network generation	5G
Data network	3G, 4G, 5G
Dynamic DNS (DDNS)	Yes

Ports & interfaces

USB 2.0 ports quantity	1
SIM card slot	Yes
SIM card type	MicroSIM + NanoSIM
Ethernet LAN (RJ-45) ports	5
WAN connection	Ethernet (RJ-45)
DC-in jack	Yes

Protocols

Management protocols	SNMPv1,v2c,v3
Supported network protocols	Ethernet over GRE-Tunnel (EoGRE), L2TPv3, ARP-Lookup, LLDP, DHCP option 82, IPv6-Router-Advertisement-Snooping, DHCPv6-Snooping, LDRA (Lightweight DHCPv6 Relay Agent), Spanning Tree, Rapid Spanning Tree, ARP, Proxy ARP, BOOTP, DHCP, LACP
DHCP server	Yes
DHCP client	Yes
VoIP protocols	SIP ALG
DMZ support	Yes

Security

Access Control List (ACL)	Yes
MAC address filtering	Yes
Security algorithms	3DES, AES, FIPS 140, SHA-1, SHA-256, SHA-384, SHA-512
Firewall security	Yes
Authentication method	PAP, CHAP, MS-CHAP, MS-CHAPv2
VLAN support	Yes
Network address translation (NAT)	Yes
Number of VLANs	4096
Password protection	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.