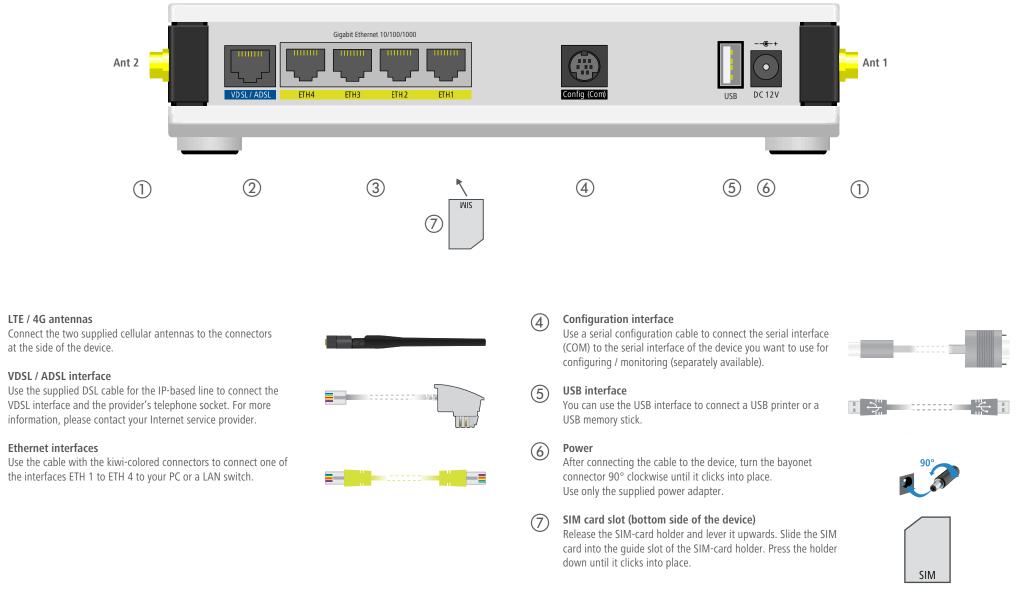
## SECURE. NETWORKS.

(2)

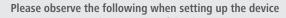
3



## LANCOM 1790VA-4G+ Quick Reference Guide

Cloud-ready





- > Do not rest any objects on top of the device
- > For devices to be operated on the desktop, please attach the adhesive rubber footpads
- > In case of wall mounting, use the drilling template as supplied

Before initial startup, please make sure to take notice of the information regarding the intended use in the enclosed installation guide! Operate the device only with a professionally installed power supply at a nearby power socket that is freely accessible at all times.

> Keep the ventilation slots of the device clear of obstruction > Rack installation with the optional LANCOM Rack Mount (separately available)

LANCOM Systems	•	• •		0	0	•	•	0	<b>•</b> <sup>1</sup>	ANCOM 1790VA-4G+
	1	23			4	D		5	6	7

Off	Device switched off
Green, permanently*	Device operational, resp. device paired / claimed and LANCOM Management Clou (LMC) accessible
Red / green blinking	Configuration password not set. Without configuration password, the configuration data in the device is unprotected.
Red blinking	Charge or time limit reached
1x green inverse blinking*	Connection to the LMC active, pairing OK device not claimed
2x green inverse blinking*	Pairing error, resp. LMC activation code not available
3x green inverse blinking*	LMC not accessible, resp. communication error
Online	
Off	WAN connection inactive
Green, permanently	WAN connection active
Red, permanently	WAN connection error
③ DSL	
Off	Interface deactivated
Green, permanently	DSL connection active
Green, flickering	DSL data transfer
Red, flickering	DSL transfer error
Red / orange, blinking	DSL hardware error
Orange, blinking	DSL training
Orange, permanently	DSL sync
Green, blinking	DSL connecting

$\bigcirc$	
6 ETH	
Off	No networking device attached
Green, permanently	Connection to network device operational, no data traffic
Green, flickering	Data transmission
(7) 4G	
Off	Cellular interface disabled
Green, permanently	Connection to cellular network active
Green, flickering	Cellular data transfer
Orange, permanently	Logon to cellular network successful
Orange, blinking	Logging on to cellular network
Red, permanently	Hardware error/module unavailable
Red / green, blinking	SIM card error (PIN)
Red / orange, blinking	Uploading module firmware
9 vpn	
Off	VPN connection inactive
Green, permanently	VPN connection active
Green, flashing	VPN connecting
1 Reset	
Reset button	Operated e.g. with a paper clip > short press: Restart the device > long press: Reset the device

Hardware	
Power supply	12 V DC, e
Power consumption	Max. ca. 1
Environment	Temperatu
Housing	Robust syn sures 210 :
Number of fans	1 quiet fan
Interfaces	
WAN: VDSL2	<ul> <li>&gt; VDSL2 a</li> <li>&gt; VDSL Su</li> <li>&gt; VDSL2 v</li> <li>&gt; Compati</li> <li>&gt; Compati</li> <li>&gt; ADSL2+</li> <li>&gt; ADSL2+</li> <li>&gt; Supports</li> </ul>
ETH	4 individua Up to 3 po disabled in
4G: Ant 1, Ant 2	Two SMA AirLancer a which app gain and t
USB	USB 2.0 hi serial device
Config (Com) / V.24	Serial conf optional co transparen
WAN protocols	
VDSL, ADSL, Ethernet	PPPoE, PP DHCP), RIF
Declaration of Confe	ormity
Hereby, LANCOM Syste compliance with Direct The full text of the EU I www.lancom-systems.c	ives 2014/3 Declaration
Package content	

www.lancom-system	
Package content	
Manual	Quick Ref
Cable	1 Etherne
Antennas	2 LTE / 40
Power adapter	External p

\*) The additional power LED statuses are displayed in 5-seconds rotation if the device is configured to be managed by the LANCOM Management Cloud.

This product contains separate open-source software components which are subject to their own licenses, in particular the General Public License (GPL). The license information for the device firmware (LCOS) is available on the device's WEBconfig interface under "Extras > License information". If the respective license demands, the source files for the corresponding software components will be made available on a download server upon request.

ure range 0-40 °C; humidity 0-95 %; non-condensing

nthetic housing, rear connectors, ready for wall mounting, Kensington lock; meax 45 x 140 mm (W x H x D)

s per ITU G.993.2; profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b

pervectoring as per ITU G.993.2 (Annex Q)

vectoring as per ITU G.993.5 (G.Vector)

tible to VDSL2 from Deutsche Telekom

tible to U-R2 from Deutsche Telekom (1TR112)

- over ISDN as per ITU G.992.5 Annex B/J with DPBO, ITU G.992.3, and ITU G.992.1 • over POTS as per ITU G.992.5 Annex A/M with DPBO, ITU G.992.3, and ITU.G.992.1 s just one virtual connection at a time in ATM (VPI-VCI pair)

ual ports, 10 / 100 / 1000 Mbps Gigabit Ethernet, by default set to switch mode. ports can be operated as additional WAN ports. Ethernet ports can be electrically n the LCOS configuration.

connectors for the supplied dipole rod antennas (LTE, UMTS), compatible LANCOM antennas for 4G or 3G, or from other manufacturers. Please respect the restrictions ply in your country when setting up an antenna system (in particular the antenna ransmission power).

i-speed host port for connecting USB printers (USB print server), ices (COM-port server) or USB drives (FAT file system)

figuration interface/COM-port (8-pin mini-DIN): 9,600 - 115,200 baud, suitable for connection of analog/GPRS modems. Supports internal COM-port server and provides nt asynchronous serial-data transfer via TCP.

PPoA. IPoA. Multi-PPPoE. ML-PPP. PPTP (PAC or PNS) and IPoE (with or without P-1, RIP-2, VLAN

Adenauerstrasse 20/B2 | D-52146 Wuerselen, declares that this device is in 80/EU, 2014/53/EU, 2014/35/EU, 2011/65/EU, and Regulation (EC) No. 1907/2006. of Conformity is available at the following Internet address:

eference Guide (DE/EN); Installation Guide (DE/EN)

et cable, 3 m (kiwi colored connectors); 1 DSL cable for an IP-based line, 4.25 m

G antennas

power supply adapter (230 V); NEST 12 V / 2 A DC/S; barrel / bayonet (EU), LANCOM item no. 111303 (not for WW devices)