



Lancom UF-60, 3500 Mbit/s, 790 Gbit/s, 700 Mbit/s, Wired, 10,100,1000 Mbit/s, RJ-45

4x GE copper - IPS / IDS 700 Mbps - TCP 3500 Mbps - VPN 970 Mbps - 40 W max - 100-240 V - 232 x 44 x 115 mm

Group	Network & Security
Manufacturer	Lancom
Manufacturer item no.	55002
EAN/UPC	4044144550027

Description

LANCOM R&S®Unified Firewalls offer small and medium-sized enterprises a customized complete solution for state-of-the-art security and Unified Threat Management (UTM). The next-generation Firewalls provide reliable cyber security, either stand-alone or operated via the LANCOM Management Cloud (LMC). Thanks to the setup wizard and the graphical user interface, intuitive operation and a clear overview of all secure areas in your company are possible.

Advantages

Highest security "Made in Germany"

The increasing cyber risks lead to higher requirements on company security, data protection and the availability of complex IT systems. LANCOM R&S®Unified Firewalls are next-generation firewalls that are developed and programmed in Germany. Thanks to Unified Threat Management (UTM) functions, they optimally complement existing LANCOM network infrastructures with the aspect of IT security. This also includes the use of state-of-the-art cybersecurity technologies such as sandboxing and machine learning. In addition, thanks to the use of clustering and redundant hardware, the company's IT remains available at all times, which means future-proof protection for company networks and "no backdoors".

Intuitive operation via setup wizard and web interface

An intuitive installation wizard allows easy initial configuration with just a few mouse clicks in less than five minutes. Tutorial video on the initial setup of the LANCOM R&S®Unified Firewalls

The user-friendliness of the Web interface of the LANCOM R&S®Unified Firewalls supports the user in providing maximum cyber security. Human errors in the configuration of the firewall can greatly be reduced, as all the firewall rules of the network are displayed clearly and graphically. This browser-based centralized management GUI enables granular fine tuning while also providing a comprehensive overview of the secured devices and connections in the network. This not only facilitates the implementation of compliance policies, but also saves time by simplifying the process of combining rules. Comprehensive audit and compliance reports also ensure maximum transparency.

Cloud-managed Firewall

The firewalls are now cloud-ready. Devices are paired to the LANCOM Management Cloud (LMC) by a convenient yet secure PIN- or activation code-based pairing procedure. They then appear in the device overview, which offers clearly structured monitoring of the device status and also features an alerting function. A web tunnel provides access to the firewall management interface for remote configuration from the LMC.

Cloud-based protection against viruses and malware

Effective defense against malware and viruses is ensured by the firewall, which reliably detects suspicious files. To protect against as-yet unknown threats (zero-day exploits), suspicious files are first loaded into a protected cloud. In this isolated sandbox environment, the files can be securely and reliably tested. Analyses using third-generation machine learning based on billions of samples scan and proactively block threats based on their behavior. The cloud is hosted in Germany and complies with the European General Data Protection Regulation ("GDPR").

SSL inspection: Defense against complex cyber attacks through encrypted channels

Data-traffic encryption is increasingly widespread and, although this is welcome from the privacy point of view, there is the risk that malware enter systems via encrypted channels. Thanks to SSL inspection, even encrypted data packets can be scanned and filtered, applications detected, and compliance policies successfully implemented.

Deep packet inspection: Subtle filtering and validation of applications and protocols

To protect against complex cyber attacks, the firewalls use deep packet inspection (DPI) providing insights into encrypted data traffic. Utilizing the industry-leading R&S@PACE2 DPI engine, UTM firewalls enable accurate classification of network traffic, protocols and applications. Fine-grained security policies actively regulate the use of certain applications, such as streaming services or browsers.

Unified Security

LANCOM, Europe's largest network manufacturer, in close cooperation with Rohde & Schwarz, a global corporation headquartered in Munich and an established player in the cybersecurity market, are working together to create a unique combination of trusted network infrastructure and IT Security "Made in Germany".

Main features

General	
Firewall throughput	3500 Mbit/s
IPSec VPN throughput	790 Gbit/s
IPS/IDS throughput	700 Mbit/s
Connectivity technology	Wired
Ethernet LAN data rates	10,100,1000 Mbit/s
Console port	RJ-45
AC input voltage	100-240 V



Power consumption (max)	40 W
Width	232 mm
Depth	115 mm
Height	44 mm
Cables included	LAN (RJ-45)

Extended details

Ports & interfaces

Connectivity technology	Wired
Gigabit Ethernet (copper) ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Ethernet LAN data rates	10,100,1000 Mbit/s
Console port	RJ-45

Power

AC input voltage	100-240 V
Power consumption (max)	40 W

Data transmission

Firewall throughput	3500 Mbit/s
IPSec VPN throughput	790 Gbit/s
IPS/IDS throughput	700 Mbit/s
Maximum firewall connections	1000000

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 85 %

Packaging content

Cables included	LAN (RJ-45)
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Weight & dimensions

Width	232 mm
Depth	115 mm
Height	44 mm

Network

VPN tunnels quantity	5
Quality of Service (QoS) support	Y

Management features

LED indicators	Y
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Performance

Reset button	Y
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