

Security



LANCOM R&S® Unified Firewalls

Network security by design

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.

- Protection against spam, viruses, malware, and complex cyber attacks
- State-of-the-art security technologies such as R&S®PACE2 deep packet inspection
- Protection against zero-day threats due to integrated sandboxing and machine learning
- Integration into the LANCOM Management Cloud
- Setup wizard for intuitive step-by-step initial setup
- Intuitive network visualization enabling easy implementation of security and compliance policies
- Detailed filtering and validation of applications and protocols
- IT security "Made in Germany" and guaranteed without backdoors
- Also available as virtual, software-based firewall (LANCOM vFirewall)
- Term-based license model (1, 3 or 5 years)

LANCOM R&S® Unified Firewalls

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. 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.

Screenshot of the web interface for creating and managing firewall rules

The screenshot displays the LANCOM R&S web interface for managing firewall rules. The interface is divided into several sections:

- Left Sidebar:** Contains navigation menus for Firewall, Monitoring & Statistics, Network, Desktop, UTM, User Authentication, VPN, Certificate Management, and Diagnostic Tools. Under 'Desktop', there are sub-menus for Desktop Connections, Desktop Objects, Desktop Rules, and Desktop Tags. Under 'UTM', there are sub-menus for UTM, User Authentication, VPN, and Certificate Management.
- Top Bar:** Includes the LANCOM logo, user information (admin), system status, and help options.
- Main Content Area:** Shows a network diagram with a central Firewall node. The diagram includes various devices and connections, such as Desktop Connections, Desktop Objects, Desktop Rules, Desktop Tags, UTM, User Authentication, VPN, Certificate Management, and Diagnostic Tools. The diagram also shows a central Firewall node connected to various devices like Desktop, IT Network, and OT Network.
- Right Sidebar:** Shows the Inventory Data Base for the selected device, including Interface (v1 eth0) and IP Address (192.168.0.255).

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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.

Screenshot of the statistics in the web interface



LANCOM R&S® Unified Firewalls

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LANCOM R&S® Unified Firewall	UF-50	UF-160	UF-260	UF-300	UF-500	UF-910
Hardware properties						
Ports	4x GE copper	4x GE copper	4x GE copper, 1x SFP	8x GE copper	6x GE copper	8x GE copper
Optional extension modules	–	–	–	–	yes (1G ETH, 1G SFP, 10G SFP+)	yes (1G ETH, 1G SFP, 10G SFP+)
Power supply & memory redundancy	–	–	–	–	–	yes
Max. system performance (individual measurements) *						
IPS / IDS throughput HTTPS (Mbps)	–	750	1,250	950	1,450	5,900
Firewall throughput TCP (Mbps)	1,350	3,550	4,450	7,400	13,000	59,000
VPN throughput IPSec (Mbps)	230	1,200	1,500	730	1,300	5,300
Concurrent sessions	520,000	1,000,000	2,000,000	1,000,000	2,000,000	16,700,000
Max. system performance (usage of all UTM functionalities) *						
UTM throughput HTTPS (Mbps)	50	170	340	200	430	1,700
Max. number of VPN tunnels **	–	25 (extendable to 50/100)	100 (extendable to 200)	–	–	–
Power						
Input voltage (V)	100-240	100-240	100-240	100-240	100-240	100-240
Max. power consumption (W)	36	40	40	150	150	2x 300
Operating environment						
Operating temperature (°C)	0-40	0-40	0-40	0-40	0-40	0-40
Relative humidity (%)	5-90	5-90	5-90	20-90	20-90	5-90
Dimensions						
W x H x D (mm)	225 x 44 x 150	231 x 44 x 200	231 x 44 x 200	438 x 44 x 292	431 x 44 x 305	431 x 44 x 468

* All throughput rates measured bidirectionally with 1,500 bytes packet size. ** UF-300, UF-500, and UF-910 are not limited to the number of VPN tunnels.

LANCOM R&S® Unified Firewalls

Features	Basic License	Full License	Feature description
Content Filter	UF-50 only	✓	<ul style="list-style-type: none"> URL and content filter Customizable rules for users Blacklists / whitelists Import / export of URL lists Category-based website blocking (individually definable) Online scan technology HTTP(S) proxy support Override function
Application control*		✓	<ul style="list-style-type: none"> Layer-7 packet filter (DPI) Filter by applications (e.g. Facebook, YouTube, BitTorrent, etc.) Blacklists / whitelists Protocol validation HTTP and IEC 104 decoder R&S@PACE 2 (Protocol and Application Classification Engine) <p>*) available for LANCOM R&S@Unified Firewall UF-160, UF-260, UF-300, UF-500, and UF-9XX</p>
Antivirus*		✓	<ul style="list-style-type: none"> HTTP/S, FTP, POP3/S, SMTP/S Configurable exceptions Multi-level scanning (local and cloud-based) Sandboxing Fast classification of zero-day threats through AI technologies (machine learning) <p>*) available for LANCOM R&S@Unified Firewall UF-160, UF-260, UF-300, UF-500, and UF-9XX</p>
Antispam*		✓	<ul style="list-style-type: none"> POP3/S, SMTP/S Configurable scan levels GlobalView Cloud using Recurrent Pattern Detection (RPD) – spam detection based on the e-mail distribution patterns Blacklists / whitelists Automatic e-mail rejection/deletion <p>*) available for LANCOM R&S@Unified Firewall UF-160, UF-260, UF-300, UF-500, and UF-9XX</p>
IDS (Intrusion Detection System) / IPS (Intrusion Prevention System)*		✓	<ul style="list-style-type: none"> Protection from DoS, port scans, malware, botnets, exploits, and vulnerabilities More than 40,000 active signatures Configurable exceptions Scans all interfaces <p>*) available for LANCOM R&S@Unified Firewall UF-160, UF-260, UF-300, UF-500, and UF-9XX</p>
Proxies	HTTP VoIP	✓	<ul style="list-style-type: none"> HTTPS, FTP, POP3/S, SMTP/S, SIP HTTP (transparent/non-transparent) Reverse proxy Supports Active Directory and local users Time-controlled
LAN/WAN support	✓	✓	<ul style="list-style-type: none"> Ethernet 10/100/1,000/10,000 Mbps Configurable MTU (Ethernet/DSL) Link aggregation xDSL Multi-WAN (weighted policy-based routing/failover) Load balancing Time restrictions for Internet connections Multiple, dynamic DNS support DHCP DMZ SNAT
VLAN	✓	✓	<ul style="list-style-type: none"> 4096 VLANs per interface 802.1q header tagging (packet-based tagged VLANs) Compatible with bridging
Bridge mode	✓	✓	<ul style="list-style-type: none"> Layer-2 firewall Spanning Tree (bridge ID, port costs) Unlimited number of interfaces per bridge
Monitoring & statistics	✓	✓	<ul style="list-style-type: none"> Statistics (IDS/IPS, application control, surf control, antivirus/antispam) Logging to external syslog servers Export as CSV and XLS files SNMP/V2c and v3 Connection tracking
Administration	✓	✓	<ul style="list-style-type: none"> Object-oriented configuration Role-based administration Command-line interface (SSH) Saves desktop as PDF and HTML IP-based access restriction for SSH and web client
Web interface	✓	✓	<ul style="list-style-type: none"> Self-explanatory functions Practical wizard for initial setup Overview of the entire network Overview of all active services Browser-based, platform-independent View filtering based on custom tags

LANCOM R&S® Unified Firewalls

Features (continued)	Basic License	Full License	Feature description
QoS	✓	✓	Guaranteed QoS bandwidth configurable for Internet connections QoS with ToS flags QoS in VPN connections
X.509 certificates	✓	✓	CRL (Certificate Revocation List) OCSP (Online Certificate Status Protocol) – network protocol for X.509 certificate status validation Multi-CA support Multi-host certificate support
VPN	✓	✓	User authentication High availability Site-to-site and client-to-site Client configuration packages
IPSec	✓	✓	Full-tunnel mode IKEv1, IKEv2 PSK (pre-shared key) / certificates DPD (Dead Peer Detection) NAT-T XAUTH, EAP Port configuration
SSL-VPN	✓	✓	Routing mode VPN TCP/UDP Specification of WINS and DNS servers
Backup and restore	✓	✓	Local or remote access Automatic import during installation Automatic and scheduled backups Automatic upload (FTP, SCP) Disaster recovery from USB drive
User authentication	✓	✓	Active Directory import Local user administration Authentication via web or client Single sign-on (Kerberos) Multiple logins Captive portal Terminal Server Support (via Remote Desktop IP Virtualization)
HA (High availability)*	✓	✓	A second Unified Firewall of the same type is required Stateful failover Active/passive Hot standby *) available for LANCOM R&S® Unified Firewall UF-160, UF-260, UF-300, UF-500, and UF-9XX

LANCOM R&S® Unified Firewalls

Warranty	
Warranty claim	3 years
LANCOM Management Cloud	
License category B	LANCOM R&S®Unified Firewall UF-50, UF-160, UF-260 LANCOM Management Cloud license for the management & monitoring of a category B device. Specification of the LMC project ID and project information needed, incl. support & updates. Available with validity periods as follows: > 1 year, item no. 50103 – LANCOM LMC-B-1Y > 3 years, item no. 50104 – LANCOM LMC-B-3Y > 5 years, item no. 50105 – LANCOM LMC-B-5Y
License category C	LANCOM R&S®Unified Firewall UF-300 LANCOM Management Cloud license for the management & monitoring of a category C device. Specification of the LMC project ID and project information needed, incl. support & updates. Available with validity periods as follows: > 1 year, item no. 50106 – LANCOM LMC-C-1Y > 3 years, item no. 50107 – LANCOM LMC-C-3Y > 5 years, item no. 50108 – LANCOM LMC-C-5Y
License category D	LANCOM R&S®Unified Firewall UF-500, UF-9XX LANCOM Management Cloud license for the management & monitoring of a category D device. Specification of the LMC project ID and project information needed, incl. support & updates. Available with validity periods as follows: > 1 year, item no. 50109 – LANCOM LMC-D-1Y > 3 years, item no. 50110 – LANCOM LMC-D-3Y > 5 years, item no. 50111 – LANCOM LMC-D-5Y
Accessories	
LANCOM Firewall Rack Mount UF-50	Rack Mount for LANCOM R&S®Unified Firewall UF-50 item no. 55119
LANCOM Firewall Rack Mount UF-160/260	Rack Mount for LANCOM R&S®Unified Firewall UF-160 & UF-260 item no. 55120
LANCOM Firewall 8x 1G RJ45 Module UF-500/9XX	Plug-in module for LANCOM R&S®Unified Firewall UF-500 & UF-9XX, 8x 1G ETH / RJ45 item no. 55121
LANCOM Firewall 4x 1G SFP Module UF-500/9XX	Plug-in module for LANCOM R&S®Unified Firewall UF-500 & UF-9XX, 4x 1G SFP item no. 55122
LANCOM Firewall 4x 10G SFP+ Module UF-500/9XX	Plug-in module for LANCOM R&S®Unified Firewall UF-500 & UF-9XX, 4x 10G SFP+ item no. 55123
Options	
LANCOM Warranty Basic Option - S	Option for extending the manufacturer warranty from 3 to 5 years. For LANCOM R&S®Unified Firewall UF-50, UF-160, UF-260 item no. 10710
LANCOM Warranty Basic Option - M	Option for extending the manufacturer warranty from 3 to 5 years. For LANCOM R&S®Unified Firewall UF-300 item no. 10711
LANCOM Warranty Basic Option - L	Option for extending the manufacturer warranty from 3 to 5 years. For LANCOM R&S®Unified Firewall UF-500 item no. 10712
LANCOM Warranty Basic Option - XL	Option for extending the manufacturer warranty from 3 to 5 years. For LANCOM R&S®Unified Firewall UF-9XX item no. 10713
LANCOM Warranty Advanced Option - S	Option for extending the manufacturer warranty from 3 to 5 years, and advanced replacement by the next working day on hardware failure. For LANCOM R&S®Unified Firewall UF-50, UF-160, UF-260 item no. 10715
LANCOM Warranty Advanced Option - M	Option for extending the manufacturer warranty from 3 to 5 years, and advanced replacement by the next working day on hardware failure. For LANCOM R&S®Unified Firewall UF-300 item no. 10716
LANCOM Warranty Advanced Option - L	Option for extending the manufacturer warranty from 3 to 5 years, and advanced replacement by the next working day on hardware failure. For LANCOM R&S®Unified Firewall UF-500 item no. 10717
LANCOM Warranty Advanced Option - XL	Option for extending the manufacturer warranty from 3 to 5 years, and advanced replacement by the next working day on hardware failure. For LANCOM R&S®Unified Firewall UF-9XX item no. 10718
LANCOM Service Pack 24/7	Option for direct support access, 24/7 availability, 30 min response SLA (for major incidents), next working day advance replacement within warranty (EU only) S: for UF-50, UF-160, UF-260, and selected devices (see website), runtime 1/3/5 year(s) (item no. 10230/...34/...38) M: for UF-300 and selected devices (see website), runtime 1/3/5 year(s) (item no. 10231/...35/...39) L: for UF-500 and selected devices (see website), runtime 1/3/5 year(s) (item no. 10232/...36/...40) XL: for UF-9XX and selected devices (see website), runtime 1/3/5 year(s) (item no. 10233/...37/...41)
LANCOM Firewall Jump Start	Remote start-up support by a technician for your new LANCOM R&S®Unified Firewall. Initial setup of a scenario predefined by LANCOM, optional LMC integration, transfer of best practice, demo of UTM functions and handover report item no. 10109

LANCOM R&S® Unified Firewalls

LANCOM VPN 50 Option	IPSec VPN upgrade to 50 active VPN channels, for VPN routers of the LANCOM 19xx series and LANCOM R&S® Unified Firewall UF-160 item no. 61405
LANCOM VPN 100 Option	IPSec VPN upgrade to 100 active VPN channels, for VPN routers of the LANCOM 19xx series and LANCOM R&S® Unified Firewall UF-160 item no. 61407
LANCOM VPN 200 Option	IPSec VPN upgrade to 50 active VPN channels, for LANCOM ISG-1000 and LANCOM R&S® Unified Firewall UF-260 item no. 61404

Hardware Appliances

LANCOM R&S® Unified Firewall UF-50	Next-generation firewall, 4x GE, 10 concurrent users recommended, 3 years warranty; UF-50 Basic License mandatory for operation item no. 55001
LANCOM R&S® Unified Firewall UF-160	Next-generation UTM firewall, 4x GE, 20 concurrent users recommended, IPSec VPN (25 channels / 50 opt.), 3 years warranty; UF-160 Basic License or Full License mandatory for operation item no. 55012
LANCOM R&S® Unified Firewall UF-260	Next-generation UTM firewall, 4x GE, 1x SFP, 40 concurrent users recommended, IPSec-VPN (100 channels / 200 opt.), 3 years warranty; UF-260 Basic License or Full License mandatory for operation item no. 55024
LANCOM R&S® Unified Firewall UF-300	Next-generation UTM firewall, 8x GE, 100 concurrent users recommended, rack mount included; 3 years warranty; UF-300 Basic License or Full License mandatory for operation item no. 55031
LANCOM R&S® Unified Firewall UF-500	Next-generation UTM firewall, 14x GE, 200 concurrent users recommended, rack mount included; 3 years warranty; UF-500 Basic License or Full License mandatory for operation item no. 55041
LANCOM R&S® Unified Firewall UF-910	Next-generation UTM firewall, 8x GE, 2 slots for optional plug-in modules (8x GE, 4x SFP, 4x SFP+), 500 concurrent users recommended, rack mount included; 3 years warranty; UF-9XX Basic License or Full License mandatory for operation item no. 55051

Licenses (Basic)

You can check the current license status at any time in the Web GUI of your firewall in the "Licenses" section! Please note that once a license has expired, configuration changes are no longer possible and the entitlement to support and software updates no longer applies.

LANCOM R&S® UF-50-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-50, SSL Insp., Content Filter, incl. all software updates, runtime 1 year item no. 55098
LANCOM R&S® UF-50-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-50, SSL Insp., Content Filter, incl. all software updates, runtime 3 years item no. 55099
LANCOM R&S® UF-50-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-50, SSL Insp., Content Filter, incl. all software updates, runtime 5 years item no. 55100
LANCOM R&S® UF-1xx-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-1xx, incl. all software updates, runtime 1 year Item no. 55083
LANCOM R&S® UF-1xx-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-1xx, incl. all software updates, runtime 3 years Item no. 55084
LANCOM R&S® UF-1xx-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-1xx, incl. all software updates, runtime 5 years Item no. 55085
LANCOM R&S® UF-2xx-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-2xx, incl. all software updates, runtime 1 year Item no. 55086
LANCOM R&S® UF-2xx-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-2xx, incl. all software updates, runtime 3 years Item no. 55087
LANCOM R&S® UF-2xx-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-2xx, incl. all software updates, runtime 5 years Item no. 55088
LANCOM R&S® UF-300-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-300, incl. all software updates, runtime 1 year Item no. 55089
LANCOM R&S® UF-300-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-300, incl. all software updates, runtime 3 years Item no. 55090
LANCOM R&S® UF-300-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-300, incl. all software updates, runtime 5 years Item no. 55091
LANCOM R&S® UF-500-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-500, incl. all software updates, runtime 1 year Item no. 55092
LANCOM R&S® UF-500-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-500, incl. all software updates, runtime 3 years Item no. 55093
LANCOM R&S® UF-500-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-500, incl. all software updates, runtime 5 years Item no. 55094
LANCOM R&S® UF-9XX-1Y Basic License (1 Year)	License for activating firewall functionalities of the R&S UF-9XX, incl. all software updates, runtime 1 year Item no. 55095
LANCOM R&S® UF-9XX-3Y Basic License (3 Years)	License for activating firewall functionalities of the R&S UF-9XX, incl. all software updates, runtime 3 years Item no. 55096
LANCOM R&S® UF-9XX-5Y Basic License (5 Years)	License for activating firewall functionalities of the R&S UF-9XX, incl. all software updates, runtime 5 years Item no. 55097

LANCOM R&S® Unified Firewalls

Licenses (Full)

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LANCOM R&S®UF-1xx-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the R&S UF-1xx, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. all software updates, runtime 1 year item no. 55101
LANCOM R&S®UF-1xx-3Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the R&S UF-1xx, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. all software updates, runtime 3 years item no. 55102
LANCOM R&S®UF-1xx-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the R&S UF-1xx, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. all software updates, runtime 5 years item no. 55103
LANCOM R&S®UF-2xx-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the R&S UF-2xx, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 1 year item no. 55104
LANCOM R&S®UF-2xx-3Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the R&S UF-2xx, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 3 years item no. 55105
LANCOM R&S®UF-2xx-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the R&S UF-2xx, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 5 years item no. 55106
LANCOM R&S®UF-300-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the R&S UF-300, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 1 year item no. 55107
LANCOM R&S®UF-300-3Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the R&S UF-300, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 3 years item no. 55108
LANCOM R&S®UF-300-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the R&S UF-300, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 5 years item no. 55109
LANCOM R&S®UF-500-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the R&S UF-500, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 1 year item no. 55110
LANCOM R&S®UF-500-3Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the R&S UF-500, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 3 years item no. 55111
LANCOM R&S®UF-500-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the R&S UF-500, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 5 years item no. 55112
LANCOM R&S®UF-9XX-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the R&S UF-9XX, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 1 year item no. 55113
LANCOM R&S®UF-9XX-3Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the R&S UF-9XX, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 3 years item no. 55114
LANCOM R&S®UF-9XX-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the R&S UF-9XX, sandboxing, machine learning, AV/Malware Protection, DPI, IDS/IPS, SSL Insp., incl. all software updates, runtime 5 years item no. 55115