

Security



LANCOM R&S® Unified Firewalls

Network security by design

The LANCOM R&S® Unified Firewalls offer industry-leading network security through state-of-the-art Unified Threat Management (UTM). With an intuitive graphical Web interface, they impress with disruptive usability, minimizing potential sources of error during firewall configuration. In addition, the “One-Click Security” concept of the LANCOM Management Cloud enables the automated implementation of precisely tailored security architectures with firewalls at geographically distributed locations. The next-generation UTM firewalls developed in Germany stand for trustworthy corporate networks and guaranteed freedom from backdoors.

- IT security through UTM “Made in Germany” and guaranteed freedom from backdoors
- Top usability with intuitive Web interface and convenient setup wizards
- Automated configuration with One-Click Security and SD-Branch via the LANCOM Management Cloud
- Protection against spam, viruses, malware, and cyberattacks
- Preventive security against as yet unknown threats through integrated Sandboxing and Machine Learning
- State-of-the-art security techniques such as R&S®PACE2 Deep Packet Inspection and SSL Inspection
- Also available as a virtual, software-based firewall (LANCOM vFirewall)
- Custom application and filter rules for increased security via Application Management and Content Filters
- Operation in a high-availability cluster (HA cluster) possible without additional costs or licenses
- Runtime-based licensing model (1, 3, or 5 years)

LANCOM R&S® Unified Firewalls

Trustworthy security from UTM “made in Germany”

Increasing cyber risks are leading to higher demands on corporate security, data protection, and the availability of complex IT systems. All LANCOM R&S® Unified Firewalls are developed in Germany, are guaranteed to be free of hidden means of access (backdoors), and thus bear the trust mark “IT Security made in Germany”. They combine state-of-the-art UTM functions such as Anti-Virus, Secure Web Gateway, and Application Management in a single security solution. The various models are precisely dimensioned for use in small to large networks with high data volumes.

Top usability thanks to intuitive Web interface and convenient setup wizards

The Web interface of the LANCOM R&S® Unified Firewalls impresses with disruptive usability. Human errors in firewall configuration are greatly reduced because all firewall rules for the network are displayed clearly and concisely in graphical form. This central management console in the browser enables both very good fine-tuning and a comprehensive overview of secured devices and connections in the network. This not only facilitates the implementation of security policies, but also saves time. Comprehensive audit

and compliance reports also ensure maximum transparency. And even the initial setup is done intuitively in just five minutes thanks to a handy installation wizard. Tutorial video on the initial setup of the LANCOM R&S® Unified Firewalls

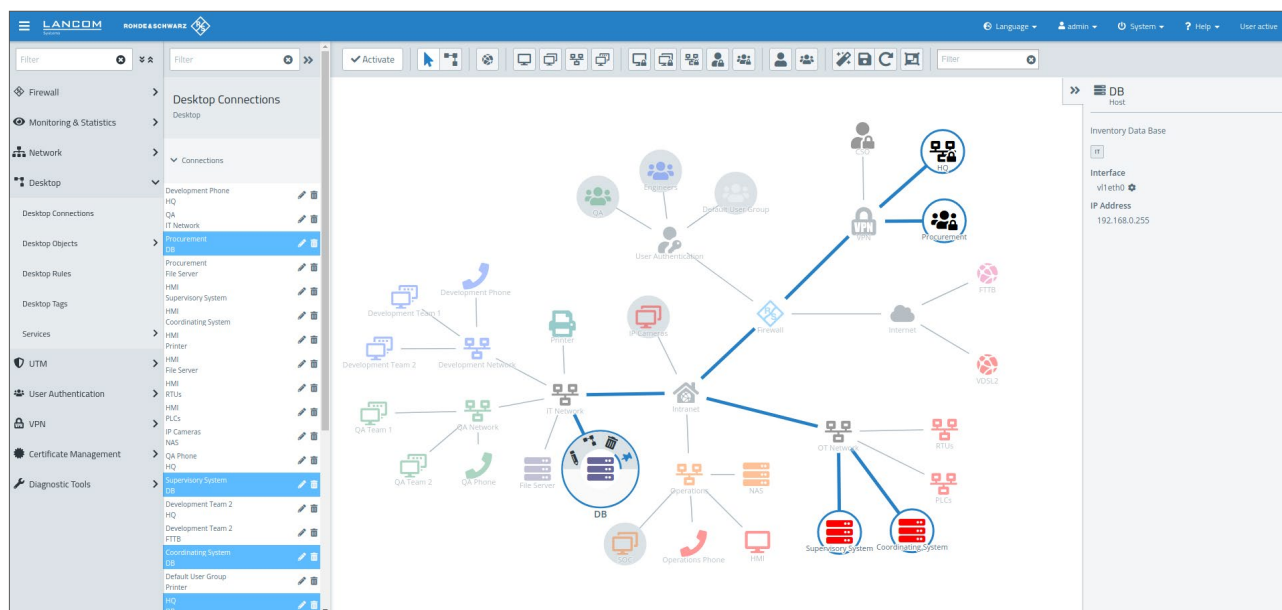
Cloud-managed Security & SD-Branch

Maximize your protection and minimize your efforts at the same time with LANCOM Cloud-managed Security: The LANCOM Management Cloud (LMC) takes care of the manual firewall configuration as well as the automatic setup of VPN connections between all sites (Auto-VPN). Configurations of the Content Filter, Anti-Virus function, SSL Inspection, and Application Management are carried out centrally and with just a few clicks, and are applied automatically to all desired sites. The firewalls are also integrated with just a few clicks: A simple yet secure pairing process via PIN or activation code connects the devices to the LANCOM Management Cloud.

Sandboxing and Machine Learning: reliable protection against unknown malware

Effective defense against malware and viruses is ensured by the firewall, which reliably detects suspicious files. To

Screenshot of the web interface for creating and managing firewall rules



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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”).

IDS / IPS: reliable protection against known threats

The Intrusion Detection / Prevention System (“IDS/IPS”) integrated into the UTM firewalls maintains a database of known threats. It thus protects endpoints on the network from a wide range of hostile attacks, issues alerts and terminates communication links to hostile sources. Included in the threat database is a blacklist of IP addresses, as well as patterns for detecting malware in communication links, network scanning, brute force attacks and more. In IDS mode, the IDS / IPS system only generates alerts when a

rule applies to traffic. In addition to this, the system blocks malicious traffic in IPS mode and prevents the exploitation of known gaps and vulnerabilities through “virtual patching”. In case of a “false alarm”, the admin can allow the corresponding traffic.

Secure Web Gateway using HTTP(S) proxy: filtering network traffic

As Secure Web Gateways (SWG), the firewalls effectively fend off attacks from the Internet. In doing so, their HTTP(S) proxy serves as a middleman for filtering and analyzing network traffic down to the application level. When a website is accessed, the proxy establishes a connection to the web server, generates a pseudo-certificate for the website using its own HTTP(S) proxy CA, and uses this to establish a connection to the browser. This allows the UTM firewall to act as a “Secure Web Gateway” using a proxy to analyze traffic, apply URL and Content Filters, and scan for viruses.

Screenshot of the statistics in the web interface



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Application Management and Content Filter: DPI-based control over permitted applications and content

The industry-leading R&S[®]PACE2 DPI engine enables UTM firewalls to precisely classify network traffic at the application level via deep packet inspection (DPI). This allows you to use Application Management to decide for yourself which applications should be allowed or blocked in your network. To increase network performance, trusted applications can also be redirected directly to the Internet or to an external remote station using so-called local breakouts. Content Filter also gives you the ability to set category-based filtering rules e.g. for criminal, pornographic, or violent content. This reliably protects your business integrity.

SSL Inspection: Security even for encrypted channels

As data traffic becomes increasingly encrypted, the risk of malware infiltrating systems also increases. SSL Inspection provides a remedy by scanning, filtering, and application detection even for encrypted data packets, as well as the successful implementation of security policies.

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LANCOM R&S® Unified Firewall	UF-60 / UF-60 LTE	UF-160	UF-260	UF-360	UF-760	UF-T60
Category	Desktop			Rack		Industrial
Hardware properties						
Ports	4x GE copper	4x GE copper	4x GE copper, 1x SFP	6x GE copper, 2x SFP+	8x GE copper, 2x SFP+	5x GE copper, 2x SFP
Modem	LTE Advanced (only UF-60 LTE)	–	–	–	–	–
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)	700	750	1,250	1,400	13,000	1,150
Firewall throughput TCP (Mbps)	3,500	3,550	4,450	11,600	49,830	3,700
VPN throughput IPSec (Mbps)	790	1,200	1,500	2,200	19,700	1,200
Concurrent sessions	1,000,000	1,000,000	2,000,000	4,000,000	16,700,000	1,000,000
Max. system performance (usage of all UTM functionalities) *						
UTM throughput HTTPS (Mbps)	150	170	340	420	3,400	200
Recomm. number of VPN tunnels	5 – 25	25 – 50	100 – 200	200 – 1,000	1,000 – 5,000	25 – 50
Power						
Input voltage (V)	100 – 240	100 – 240	100 – 240	100 – 240	100 – 240	2x 12 – 36
Max. power consumption (W)	40	40	40	60	2x 300	22,3
Dimensions						
W x H x D (mm)	232 x 44 x 115 (without antennas for UF-60 LTE)	231 x 44 x 200	231 x 44 x 200	440 x 44 x 269	440 x 44 x 364	130 x 100 x 150

* All throughput rates measured bidirectionally with 1,500 bytes packet size

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Features	Basic License	Full License	Feature description
Content Filter		✓	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 Management *		✓	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)
Anti-Virus **		✓	HTTP/S, FTP, POP3/S, SMTP/S, IMAP/S Configurable exceptions Multi-level scanning (local and cloud-based) Sandboxing Fast classification of zero-day threats through AI technologies (machine learning)
Anti-Spam **		✓	POP3/S, SMTP/S, IMAP/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
IDS (Intrusion Detection System) / IPS (Intrusion Prevention System) *		✓	Protection from DoS, port scans, malware, botnets, exploits, and vulnerabilities More than 40,000 active signatures Configurable exceptions Scans all interfaces
Proxies	HTTP VoIP	✓	HTTPS, FTP, POP3/S, SMTP/S, IMAP/S, SIP HTTP (transparent/non-transparent) Reverse proxy Supports Active Directory and local users Time-controlled
LAN/WAN support	✓	✓	Ethernet 10/100/1,000 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	✓	✓	4096 VLANs per interface 802.1q header tagging (packet-based tagged VLANs) Compatible with bridging
Bridge mode	✓	✓	Layer-2 firewall Spanning Tree (bridge ID, port costs) Unlimited number of interfaces per bridge
Monitoring & statistics	✓	✓	Statistics (IDS/IPS, application control, surf control, antivirus/antispam) Logging to external syslog servers Export as CSV and XLS files SNMPv2c and v3 Connection tracking
Administration	✓	✓	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	✓	✓	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
QoS	✓	✓	Guaranteed QoS bandwidth configurable for Internet connections QoS with ToS flags QoS in VPN connections

* Not available for LANCOM R&S®Unified Firewall UF-50 and UF-100

** Not available for LANCOM R&S®Unified Firewall UF-50

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Features	Basic License	Full License	Feature description
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 Bridging 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

* Not available for LANCOM R&S® Unified Firewall UF-50 and UF-100

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Support		
Warranty	3 years For details, please refer to the general warranty conditions at: www.lancom-systems.com/warranty-conditions .	
Manufacturer support	Free technical manufacturer support for LANCOM R&S® Unified Firewalls of service category S with activated license. Free technical manufacturer support for LANcommunity partners for LANCOM R&S® Unified Firewalls of service categories M, L, and XL with activated license. Charged technical manufacturer support for end customers is optionally available for these devices.	
Hardware Appliances		
	Item no.	
LANCOM R&S Unified Firewall UF-60	Next-generation UTM firewall, 4x GE, UF-60 Basic License or Full License mandatory for operation	55002
LANCOM R&S Unified Firewall UF-60 LTE	Next-generation UTM firewall, 4x GE, 1x LTE Cat-7 up to 300 MBit/s, UF-60 Basic License or Full License mandatory for operation	55003
LANCOM R&S Unified Firewall UF-T60	Next-generation UTM firewall, 6x GE, 2x SFP, UF-T60 Basic License or Full License mandatory for operation	55004
LANCOM R&S Unified Firewall UF-160	Next-generation UTM firewall, 4x GE, UF-1XX Basic License or Full License mandatory for operation	55012
LANCOM R&S Unified Firewall UF-260	Next-generation UTM firewall, 4x GE, 1x SFP, UF-2XX Basic License or Full License mandatory for operation	55024
LANCOM R&S Unified Firewall UF-360	Next-Generation UTM-Firewall, 5x GE, 2x SFP+, slot for optional extension module (see Accessories), UF-360 Basic License or Full License mandatory for operation	55031
LANCOM R&S Unified Firewall UF-760	Next-Generation UTM-Firewall, 8x GE, 2x SFP+, slot for optional extension module (see Accessories), UF-760 Basic License or Full License mandatory for operation	55035
Accessories *		
	Item no.	
LANCOM UF Rack Mount UF-60	Mounting material for UF-60 / UF-60 LTE for installation in a 19" rack, occupies one height unit	55128
LANCOM Firewall Rack Mount UF-100/200	Mounting material for UF-100/200 for installation in a 19" rack, occupies one height unit	55120
LANCOM UF Rack Mount UF-160/260	Mounting material for UF-160/260 for installation in a 19" rack, occupies one height unit	55125
LANCOM UF Extension Module 4x 1G GE (UF-X60)	UF extension module for UF-x60 devices with module slot, 4x 1G ETH / RJ45	55131
LANCOM UF Extension Module 2x 1G SFP (UF-X60)	UF extension module for UF-x60 devices with module slot, 2x 1G SFP	55129
LANCOM UF Extension Module 2x 10G SFP+ (UF-X60)	UF extension module for UF-x60 devices with module slot, 2x 10G SFP+	55130
LANCOM UF Extension Module 8x 1G GE (UF-500 / UF-9XX)	UF extension module for UF-500 & UF-9xx, 8x 1G ETH / RJ45	55121
LANCOM UF Extension Module 4x 1G SFP (UF-500 / UF-9XX)	UF extension module for UF-500 & UF-9xx, 4x 1G SFP	55122
LANCOM UF Extension Module 4x 10G SFP+ (UF-500 / UF-9XX)	UF extension module for UF-500 & UF-9xx, 4x 10G SFP+	55123
LANCOM UF Extension Module 2x 10G GE (UF-500 / UF-9XX)	UF extension module for UF-500 & UF-9xx, 2x 10G ETH / RJ45	55126
LANCOM UF Extension Module 2x 10G SFP+ (UF-500 / UF-9XX)	UF extension module for UF-500 & UF-9xx, 2x 10G SFP+	55127
LANCOM SFP-SX-LC1	1000BASE-SX-SFP module for connecting to SFP ports, supports 62.5/125 µm and 50/125 µm multimode fiber optics (maximum distances 300 m and 550 m respectively)	61556
LANCOM SFP-SX2-LC1	1000BASE-SX-SFP 1310nm module for connecting to SFP ports, supports 62.5/125 µm and 50/125 µm multimode fiber optics (maximum distances 2 km)	60183
LANCOM SFP-LX-LC1	1000BASE-LX-SFP module for connecting to SFP ports, supports 9/125 µm single-mode fiber optics (maximum distance 10 km)	61557
LANCOM SFP-SX-LC10	10GBASE-SR/SW SFP module for connecting SFP+ ports, supports 50/125 µm and 125 µm multimode fiber optics (maximum distance 300 m)	61485
LANCOM SFP-LX-LC10	10GBASE-LR/LW SFP module for connecting SFP+ ports, supports 9 µm singlemode fiber optics (maximum distance 10 km)	61497
LANCOM SFP-LR40-LC10	10GBASE-LR/LW SFP module for connecting SFP+ ports, supports 9 µm singlemode fiber optics (maximum distance 40 km)	60182
LANCOM SFP-DAC10-1M / SFP-DAC10-3M	10 Gbps Direct Attach Cable (DAC) for direct connection of SFP+ ports, length 1 m 10 Gbps Direct Attach Cable (DAC) for direct connection of SFP+ ports, length 3 m	61495 60175
LANCOM SFP-AON-1	AON module for direct connection to active fiber optic lines (FTTH) (incl. 3 m LC to SC cable)	60200
LANCOM SFP-GPON-1	GPON module to connect to passive FTTH lines (incl. 3 m LC to SC cable)	60199

* Please note that support service for third-party accessories is excluded.

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Options		Item no.
LANCOM Warranty Basic Option	Option for extending the manufacturer warranty from 3 to 5 years.	
	Device assignment: https://www.lancom-systems.com/products/services-and-support/warranty-basic-option/#c206490	
	> Option S	10710
	> Option M	10711
	> Option L	10712
LANCOM Warranty Advanced Option	Option for extending the manufacturer warranty from 3 to 5 years, and advanced replacement on hardware failure.	
	Device assignment: https://www.lancom-systems.com/products/services-and-support/warranty-advanced-option/#c106802	
	> Option S	10715
	> Option M	10716
	> Option L	10717
LANCOM Service Pack 10/5	Direct manufacturer support access, 10/5 availability and 4 hours response SLA, next business day advance replacement in metropolitan areas within the EU and within warranty	
	Device assignment: https://www.lancom-systems.com/products/services-and-support/service-pack-105/#c205488	
	> Option S runtime 1/3/5 year(s)	10242/...43/...44
	> Option M runtime 1/3/5 year(s)	10245/...46/...47
	> Option L runtime 1/3/5 year(s)	10248/...49/...50
LANCOM Service Pack 24/7	Direct manufacturer support access, 24/7 availability and 30 min response SLA (for major incidents), next working day advance replacement within warranty (EU only)	
	Device assignment: https://www.lancom-systems.com/products/services-and-support/service-pack-247/#c205480	
	> Option S runtime 1/3/5 year(s)	10230/...34/...38
	> Option M runtime 1/3/5 year(s)	10231/...35/...39
	> Option L runtime 1/3/5 year(s)	10232/...36/...40
> Option XL runtime 1/3/5 year(s)	10233/...37/...41	
Licenses LANCOM Management Cloud		Item no.
License category B	LANCOM Management Cloud license for the management & monitoring of a category B device. Specification of the LMC project ID and project information needed, incl. updates.	
	Device assignment: https://www.lancom-systems.com/products/network-management/management-cloud/lmc-licenses/	
	Available with validity periods as follows:	
	> 1 year LANCOM LMC-B-1Y	50103
	> 3 years LANCOM LMC-B-3Y	50104
License category C	LANCOM Management Cloud license for the management & monitoring of a category C device. Specification of the LMC project ID and project information needed, incl. updates.	
	Device assignment: https://www.lancom-systems.com/products/network-management/management-cloud/lmc-licenses/	
	Available with validity periods as follows:	
	> 1 year LANCOM LMC-C-1Y	50106
	> 3 years LANCOM LMC-C-3Y	50107
License category D	LANCOM Management Cloud license for the management & monitoring of a category D device. Specification of the LMC project ID and project information needed, incl. updates.	
	Device assignment: https://www.lancom-systems.com/products/network-management/management-cloud/lmc-licenses/	
	Available with validity periods as follows:	
	> 1 year LANCOM LMC-D-1Y	50109
	> 3 years LANCOM LMC-D-3Y	50110
> 5 years LANCOM LMC-D-5Y	50111	
> 10 years LANCOM LMC-D-10Y	50135	

LANCOM R&S® Unified Firewalls

Licenses (Basic)		Item no.
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 UF-50, SSL Insp., Content Filter, incl. updates, runtime 1 year	55098
LANCOM R&S UF-50-3Y Basic License (3 Years)	License for activating firewall functionalities of the UF-50, SSL Insp., Content Filter, incl. updates, runtime 3 years	55099
LANCOM R&S UF-50-5Y Basic License (5 Years)	License for activating firewall functionalities of the UF-50, SSL Insp., Content Filter, incl. updates, runtime 5 years	55100
LANCOM R&S UF-60-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-60 / UF-60 LTE, incl. VPN and user mgmt., incl. updates, runtime 1 year	55080
LANCOM R&S UF-60-1Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-60 / UF-60 LTE, incl. VPN and user mgmt., incl. updates, runtime 3 years	55081
LANCOM R&S UF-60-1Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-60 / UF-60 LTE, incl. VPN and user mgmt., incl. updates, runtime 5 years	55082
LANCOM R&S UF-T60-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-T60, incl. VPN and user mgmt., incl. updates, runtime 1 year	55159
LANCOM R&S UF-T60-1Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-T60, incl. VPN and user mgmt., incl. updates, runtime 3 years	55160
LANCOM R&S UF-T60-1Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-T60, incl. VPN and user mgmt., incl. updates, runtime 5 years	55161
LANCOM R&S UF-1XX-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-1xx, incl. VPN and user mgmt., incl. updates, runtime 1 year	55083
LANCOM R&S UF-1XX-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-1xx, incl. VPN and user mgmt., incl. updates, runtime 3 years	55084
LANCOM R&S UF-1XX-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-1xx, incl. VPN and user mgmt., incl. updates, runtime 5 years	55085
LANCOM R&S UF-2XX-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-2xx, incl. VPN and user mgmt., incl. updates, runtime 1 year	55086
LANCOM R&S UF-2XX-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-2xx, incl. VPN and user mgmt., incl. updates, runtime 3 years	55087
LANCOM R&S UF-2XX-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-2xx, incl. VPN and user mgmt., incl. updates, runtime 5 years	55088
LANCOM R&S UF-300-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-300, incl. VPN and user mgmt., incl. updates, runtime 1 year	55089
LANCOM R&S UF-300-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-300, incl. VPN and user mgmt., incl. updates, runtime 3 years	55090
LANCOM R&S UF-300-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-300, incl. VPN and user mgmt., incl. updates, runtime 5 years	55091
LANCOM R&S UF-360-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-360, incl. VPN and user mgmt., incl. updates, runtime 1 year	55132
LANCOM R&S UF-360-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-360, incl. VPN and user mgmt., incl. updates, runtime 3 years	55133
LANCOM R&S UF-360-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-360, incl. VPN and user mgmt., incl. updates, runtime 5 years	55134
LANCOM R&S UF-500-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-500, incl. VPN and user mgmt., incl. updates, runtime 1 year	55092
LANCOM R&S UF-500-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-500, incl. VPN and user mgmt., incl. updates, runtime 3 years	55093
LANCOM R&S UF-500-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-500, incl. VPN and user mgmt., incl. updates, runtime 5 years	55094
LANCOM R&S UF-760-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-760, incl. VPN and user mgmt., incl. updates, runtime 1 year	55141
LANCOM R&S UF-760-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-760, incl. VPN and user mgmt., incl. updates, runtime 3 years	55142
LANCOM R&S UF-760-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-760, incl. VPN and user mgmt., incl. updates, runtime 5 years	55143
LANCOM R&S UF-9XX-1Y Basic License (1 Year)	License for activating basic firewall functionalities (up to layer 4) of the UF-9xx, incl. VPN and user mgmt., incl. updates, runtime 1 year	55095
LANCOM R&S UF-9XX-3Y Basic License (3 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-9xx, incl. VPN and user mgmt., incl. updates, runtime 3 years	55096
LANCOM R&S UF-9XX-5Y Basic License (5 Years)	License for activating basic firewall functionalities (up to layer 4) of the UF-9xx, incl. VPN and user mgmt., incl. updates, runtime 5 years	55097

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Licenses (Full)		Item no.
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-60-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the UF-60 / UF-60 LTE, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 1 year	55077
LANCOM R&S UF-60-1Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the UF-60 / UF-60 LTE, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 3 years	55078
LANCOM R&S UF-60-1Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the UF-60 / UF-60 LTE, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 5 years	55079
LANCOM R&S UF-T60-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the UF-T60, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 1 year	55162
LANCOM R&S UF-T60-1Y Full License (3 Years)	License for activating UTM- and firewall functionalities of the UF-T60, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 3 years	55163
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LANCOM R&S UF-9XX-5Y Full License (5 Years)	License for activating UTM- and firewall functionalities of the UF-9xx, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 5 years	55115