

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)
- Traffic Shaping for quality control and enhancement of prioritized data traffic
- 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

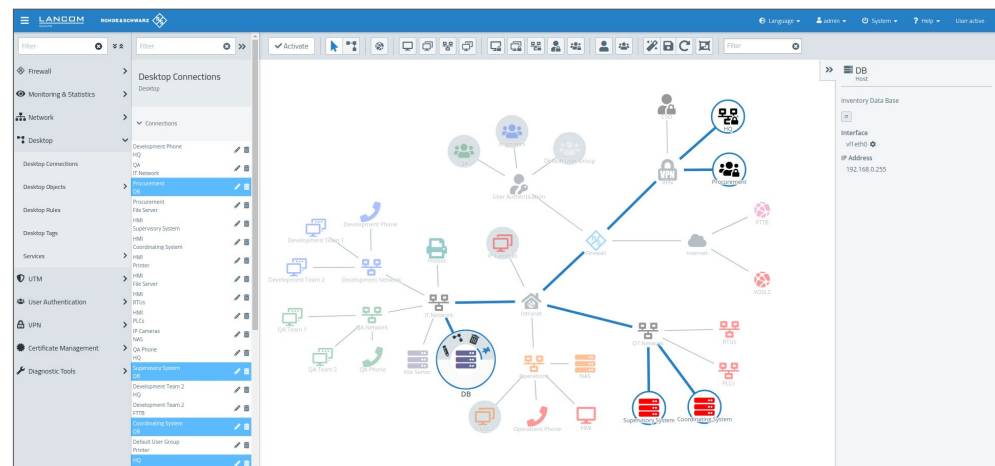
Trustworthy security from UTM “made in Germany”

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.

Screenshot of the web interface for creating and managing firewall rules



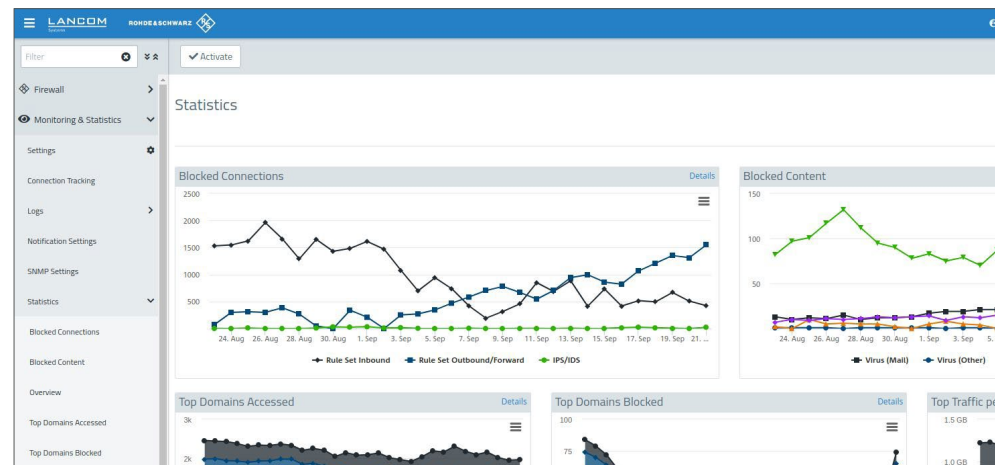
Cloud-managed Security & SD-Branch

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.

LANCOM R&S® Unified Firewalls

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 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").



Screenshot of the statistics in the web interface

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.

LANCOM R&S® Unified Firewalls

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.

Traffic Shaping: Quality control and enhancement of prioritized data traffic

Traffic Shaping enables full control over the packet flow of your data traffic, thus guaranteeing that the applications that are important to you always perform at the best quality. For example, you can define a guaranteed or maximum bandwidth per desktop connection, as well as line prioritization. It is also possible to preconfigure common scenarios, such as VoIP telephony or video conferencing, so Traffic Shaping not only increases the quality of your prioritized data traffic, while also saving configuration time.

LANCOM R&S® Unified Firewalls



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)	-	-	-	-	-
Opt. extension modules	-	-	-	yes (1G ETH, 1G SFP, 10G SFP+)	yes (1G ETH, 1G SFP, 10G SFP+, 40G QSFP+)	-
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
Recom. 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	2× 12 – 36
Max. power consumption (W)	40	40	40	60	2× 300	22.3
Dimensions						
W x H x D (mm)	232 × 44 × 115 (without antennas for UF-60 LTE)	231 × 44 × 200	231 × 44 × 200	440 × 44 × 269	440 × 44 × 364	130 × 100 × 150

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

LANCOM R&S® Unified Firewalls

Features	Basic License	Full License	Feature description
Content Filter		✓	URL and content filter (incl. BPjM 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-Unterstützung	✓	✓	Ethernet 10 / 100 / 1,000 / 10,000 / 40,000 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	✓	✓	4,096 VLANs per interface 802.1q header tagging (packet-based tagged VLANs) Compatible with bridging
Bridge-Modus	✓	✓	Layer-2 firewall Spanning Tree (bridge ID, port costs) Unlimited number of interfaces per bridge
Traffic Shaping	✓	✓	Priority min. / max. bandwidth definable per traffic group (Quality of Service) Traffic grouping based on source application / destination / port / DSCP Different Traffic Shaping profiles selectable per WAN connection

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

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

LANCOM R&S® Unified Firewalls

Features	Basic License	Full License	Feature description
Monitoring & Statistiken	✓	✓	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 Exportable executive report (PDF, HTML, CSV)
Administration	✓	✓	Object-oriented configuration Role-based administration 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
X.509-Zertifikate	✓	✓	Support of certificates based on RSA / Elliptic Curves CRL (Certificate Revocation List) Multi-CA support Multi-host certificate support Certificate templates import / export via PEM / PKCS12 / DER
VPN	✓	✓	User authentication High availability Site-to-site and client-to-site Client configuration packages
IPSec	✓	✓	Full-tunnel mode Policybased or routebased IPSec IKEv1 (deprecated, upgrade to v2 strongly recommended), IKEv2 PSK (pre-shared key) / certificates DPD (Dead Peer Detection) NAT-T XAUTH, EAP Download portal for client configuration packages
SSL-VPN	✓	✓	Routing mode VPN Bridging mode VPN TCP/UDP Specification of WINS and DNS servers
Backup und Wiederherstellung	✓	✓	Local or remote access Automatic import during installation Automatic and scheduled backups Automatic upload (FTP, SCP) Disaster recovery from USB drive
Benutzerauthentifizierung	✓	✓	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

LANCOM R&S® Unified Firewalls

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 Modules	An overview of the LANCOM UF Extension Modules compatible with the LANCOM R&S® Unified Firewalls can be found under https://www.lancom-systems.com/products/software-accessories/accessories/lancom-uf-extension-modules	
LANCOM SFP Modules	An overview of the LANCOM SFP Modules compatible with the LANCOM R&S® Unified Firewalls can be found under https://www.lancom-systems.com/products/software-accessories/accessories/lancom-sfp-modules	
LANCOM DAC Cables	An overview of the LANCOM DAC Cables compatible with the LANCOM R&S® Unified Firewalls can be found under https://www.lancom-systems.com/products/software-accessories/accessories/lancom-direct-attach-cable	

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

LANCOM R&S® Unified Firewalls

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-support/lancom-warranty-basic-option	
	Option S	10710
	Option M	10711
	Option L	10712
	Option XL	10713
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-support/lancom-warranty-advanced-option	
	Option S	10715
	Option M	10716
	Option L	10717
	Option XL	10718
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-support/lancom-service-pack-10/5	
	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
	Option XL runtime 1/3/5 year(s)	10251/...52/...53
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-support/lancom-service-pack-24/7	
	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

LANCOM R&S® Unified Firewalls

Licenses LANCOM Management Cloud	Item no.												
License category B	<p>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.</p> <p>Device assignment: https://www.lancom-systems.com/products/network-management/lancom-management-cloud/lmc-licenses</p> <p>Available with validity periods as follows:</p> <table border="0"> <tr> <td>1 year</td> <td>LANCOM LMC-B-1Y</td> <td>50103</td> </tr> <tr> <td>3 years</td> <td>LANCOM LMC-B-3Y</td> <td>50104</td> </tr> <tr> <td>5 years</td> <td>LANCOM LMC-B-5Y</td> <td>50105</td> </tr> <tr> <td>10 years</td> <td>LANCOM LMC-B-10Y</td> <td>50133</td> </tr> </table>	1 year	LANCOM LMC-B-1Y	50103	3 years	LANCOM LMC-B-3Y	50104	5 years	LANCOM LMC-B-5Y	50105	10 years	LANCOM LMC-B-10Y	50133
1 year	LANCOM LMC-B-1Y	50103											
3 years	LANCOM LMC-B-3Y	50104											
5 years	LANCOM LMC-B-5Y	50105											
10 years	LANCOM LMC-B-10Y	50133											
License category C	<p>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.</p> <p>Device assignment: https://www.lancom-systems.com/products/network-management/lancom-management-cloud/lmc-licenses</p> <p>Available with validity periods as follows:</p> <table border="0"> <tr> <td>1 year</td> <td>LANCOM LMC-C-1Y</td> <td>50106</td> </tr> <tr> <td>3 years</td> <td>LANCOM LMC-C-3Y</td> <td>50107</td> </tr> <tr> <td>5 years</td> <td>LANCOM LMC-C-5Y</td> <td>50108</td> </tr> <tr> <td>10 years</td> <td>LANCOM LMC-C-10Y</td> <td>50134</td> </tr> </table>	1 year	LANCOM LMC-C-1Y	50106	3 years	LANCOM LMC-C-3Y	50107	5 years	LANCOM LMC-C-5Y	50108	10 years	LANCOM LMC-C-10Y	50134
1 year	LANCOM LMC-C-1Y	50106											
3 years	LANCOM LMC-C-3Y	50107											
5 years	LANCOM LMC-C-5Y	50108											
10 years	LANCOM LMC-C-10Y	50134											
License category D	<p>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.</p> <p>Device assignment: https://www.lancom-systems.com/products/network-management/lancom-management-cloud/lmc-licenses</p> <p>Available with validity periods as follows:</p> <table border="0"> <tr> <td>1 year</td> <td>LANCOM LMC-D-1Y</td> <td>50109</td> </tr> <tr> <td>3 years</td> <td>LANCOM LMC-D-3Y</td> <td>50110</td> </tr> <tr> <td>5 years</td> <td>LANCOM LMC-D-5Y</td> <td>50111</td> </tr> <tr> <td>10 years</td> <td>LANCOM LMC-D-10Y</td> <td>50135</td> </tr> </table>	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
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® Unified Firewalls

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

LANCOM R&S® Unified Firewalls

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.		
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LANCOM R&S UF-500-1Y Full License (1 Year)	License for activating UTM- and firewall functionalities of the UF-500, sandboxing, machine learning, AV/Malware Protection, SSL Insp., incl. DPI and IDS/IPS, incl. updates, runtime 1 year	55110

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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