



... connecting your business

LANCOM Public Spot Option

Creating wireless guest accounts according to your needs

- Flexibly configurable login procedures to WLAN hotspots
- Comprehensive design options regarding the time of use or validity period of the guest access
- Voucher layout can be individually adapted to the corporate design
- Secure separation of guest and internal corporate network
- Connection to external servers or Property Management Systems
- Comfortable extension option for many LANCOM routers and access points

Flexibly configurable login procedures for your guests – You have the choice!

With the LANCOM Public Spot Option you have a versatile hotspot solution at hand which offers a variety of design options: For instance, your guests are able to login to the hotspot themselves via SMS or e-mail – without the need of an employee to manually create a login ticket with the respective access credentials. Additional devices such as voucher printers are no longer required. If a printed voucher is still your way of choice, it can be produced via the existing printer of your enterprise or hotel with just a few clicks.

More flexibility – You define the validity period of your hotspot access.

The advantage of the LANCOM Public Spot Option is the scope of design options. Every hotspot provider can individually configure the validity period of a guest access. Hour-based time budgets are the most common choice, yet you can also define specific points of time, e.g. hotel check-outs. Alternatively, you can grant your guests a specific data volume and disable the Internet access if the limit has been reached.

More compatibility – Combine your WLAN with your PMS.

The LANCOM Public Spot Option equips all LANCOM access points and routers with an integrated RADIUS server which can be used for user management. Sometimes, however, special demands with regard to guest administration may exist or the connection to an external server is desired, e.g. for credit card payments or if a server with a proprietary user management is already in use. For this purpose, the LANCOM solution offers interfaces such as RADIUS or XML that enable a combination with external user administrations. Additionally, with the LANCOM Public Spot PMS Accounting Plus Option you can purchase a FIAS interface for a connection to Property Management Systems such as Micros Fidelio.

More quality – Convince your guests with high-performance technology.

Offering your guests access to the Internet has become standard – yet the quality of Internet accesses varies. With the LANCOM Public Spot Option you can design your guest access as user-friendly as possible, facilitate the login procedure, and meet your clients' demands who wish to access your hotspot using their versatile multimedia devices (smart phones, tablets, notebooks). In short: Rely on products with quality 'Made in Germany' and your clients will benefit from an efficient and high-performance network.

LANCOM Public Spot Option

Technical details	
Supported devices	<ul style="list-style-type: none"> ■ LANCOM 178x series ■ LANCOM 17xx series (as of LCOS 8.5) ■ LANCOM WLAN routers
Number of supported users	64 concurrent user
Login via web portal (Captive Portal)	Login to the hotspot after entry of username and password via a web portal (freely definable)
Self-service login to the hotspot (Smart Ticket)	Login credentials to the public spot network are sent to the user through SMS or e-mail. The e-mail is sent via SMTP. The sms is transmitted via the integrated 3G/4G modem, an e-mail-2-SMS gateway or a 3G/4G router in the network
Voucher print	With just a few mouseclicks a ticket with login credentials for the hotspot can be generated and be printed with any office printer. The voucher can be individually designed.
Easy Public Spot login with one click	After accepting the terms of use, the user gets a WLAN guest access for a definable period
WISPr	Wireless Internet Service Provider roaming allows smart clients to connect to a Public Spot without the need of manual input of login credentials on a website.
Re-login	The Public Spot identifies known WLAN clients for an automatic authentication. After an initial authentication, the hotspot stores the relevant client information so that there is no need for an additional manual entering of login credentials - significantly increased comfort for regular guests.
MAC-based authentication	Users can be authenticated for access to the Public Spot via their MAC address
Walled Garden functionality	Enables a free access to selected websites, even without activation of the guest access (e.g. sponsoring, corporate or hotel websites)
Bandwidth management	The available bandwidth for Public Spot user groups (e.g. "gold", "silver", "bronze") can be individually configured: An ideal functionality for preferring "premium users" and for limiting the bandwidth of standard accounts
Support of volume- and time-based accounts	Validity of a hotspot access can be defined with regard to download volume limitation per user or to a limited time period
Redirection to advertisement websites	The Public Spot user can be redirected to advertisement websites of the provider at configurable time intervals
Dynamic VLAN allocation	Allocation of Public Spot users to individually configurable networks
Idle timeout-based disconnect	Connection will be disconnected after x minutes without Internet access
Disconnection at WLAN logout	Automatic logout from the hotspot if the client is no longer seen in the WLAN, function only available for WLAN devices
Multi login	Allows Public Spot users to login to one hotspot account with multiple devices
External data interfaces	
RADIUS server interface	By default the Public Spot records session-specific data for later billing on an internal RADIUS server. The forwarding to an external RADIUS server can be configured on a device with Public Spot, if required
SYSLOG	LANCOM devices are equipped with an integrated SYSLOG. Alternatively, LANCOM devices can be connected to external SYSLOG servers
XML	In order to provide further authentication szenarios apart from login with username and password, the LANCOM Public Spot solution can be connected to external servers via an XML interface
FIAS (optional)	Enables a direct communication between the LANCOM Public Spot and a Property Management System (PMS) which supports the FIAS protocol as supported by Micros Fidelio. The interface can only be operated in combination with the LANCOM Public Spot PMS Accounting Plus Option
Security	
Support of HTTPS encryption for user authentication	Hotspot users are provided an encrypted login to the LANCOM Public Spot in order to effectively prevent Man-in-the-Middle attacks during login procedures. For this purpose, a signed certificate by a trusted certification authority must be imported into the device
Device and system requirements	
Required devices/software	<ul style="list-style-type: none"> ■ LANCOM access point/WLAN router ■ PC with web browser (optional – MAC, Windows, Linux) ■ Network connection to Public Spot gateway ■ Printer with connection to the PC (optional)
Configuration	
LANconfig/web interface	Manual configuration incl. expert settings via proprietary LANCOM configuration tool or web interface
Public Spot wizard	Wizard integrated in the proprietary LANCOM configuration tool LANconfig provides support setting up the Public Spot (e.g. allocation of WLAN interfaces, assignment of IP ranges, definition of access and login options, recording)

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Configuration	
Voucher wizard	With this wizard you can comfortably create vouchers with login credentials for the hotspot. The wizard can be started via a desktop shortcut.
Documentation	
Public Spot manual	Comprehensive manual for the configuration of LANCOM hotspots, including practical examples, available free-of-charge via www.lancom.eu
Item number(s)	
LANCOM Public Spot Option	60642
LANCOM Public Spot Option (10 bulk)	61312
Two exemplary scenarios	
Exemplary scenario 1	<p>LANCOM Hotspot Solution (wired)</p> <p>Public Spot without WLAN:</p> <ul style="list-style-type: none"> • Management of wired Guest Accesses • Separation of Guest and Office Network • For small Installations with no more than 64 Users
Exemplary scenario 2	<p>LANCOM Hotspot Solution with Wireless LAN</p> <p>Public Spot Option activated on the Router:</p> <ul style="list-style-type: none"> • For small Installations with no more than 64 Users • Separation of Guest and Office Network

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