Feature Notes

LCOS 10.94

LCOS 10.94
eSIM integration, WireGuard, and two-factor authentication

LCOS 10.94 marks the beginning of the next generation of mobile network management. The integrated eSIM technology in SD-WAN gateways replaces the use of physical SIM cards: Contracts can be digitally installed, changed, updated, and managed – without on-site intervention and without manual card handling. This saves time, reduces the effort involved in rollouts, and offers maximum flexibility, especially for companies with locations spread across different regions or countries. In addition, WireGuard support offers a modern, secure, and easy-to-set-up VPN solution that stands out for its high user-friendliness, especially in very small-scale scenarios. For added protection in device management, two-factor authentication is now available for local device configuration, providing reliable access security.

Highlight

eSIM – the next generation of mobile network management

eSIM

The smart mobile communications solution built into the LANCOM router

→ **Integrated eSIM**: SD-WAN gateways connect to the mobile network – without a physical SIM card

→ **Simple management**: Set up, change, and update profiles digitally using a QR code / activation code.

→ **Efficiency & security**: No manual card handling, no on-site interventions, no risk of loss

→ **Time savings**: Rollouts across multiple locations or large device fleets can be completed in no time

→ **Versatile use**: Ideal for mobile workplaces, branch networks, and as a backup solution

Highlight

eSIM – supported devices

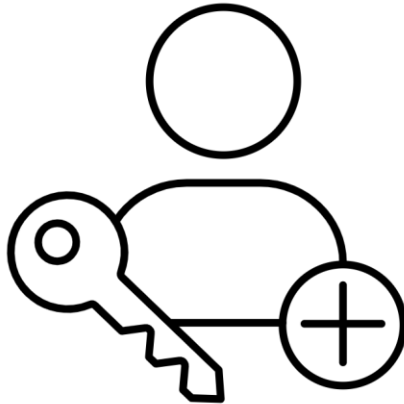| Device	As of hardware release
1800VA-4G	D
1800VA-5G	D
1803VA-4G	D
1803VA-5G	D
1800EFW-5G	all
1803VAW-5G	all
1930EF-5G	all
1936VAG-5G	all
1800EF-4G	D
1800EF-5G	D
OAP-5G	all

LANCOM
SYSTEMS

Highlight

Support of WireGuard

VPN solution for small-scale scenarios

→ **Simple and reliable VPN solution**: Ideal for small scenarios such as home offices or businesses with only a few VPN tunnels

→ **Fast & flexible**: Focus on intuitive operation, user-friendly setup, and easy configuration

→ **Security**: Cutting-edge cryptographic ensures robust protection

→ **Widely compatible**: Available for all major operating systems – perfect for heterogeneous IT environments

Highlight

Two-factor authentication (2FA)

Double secured, easy to set up

→ **Enhanced security**: 2FA adds an extra layer of protection to traditional password entry in local device management

→ **Easy setup**: Uses standard authenticator apps to generate security codes

→ **Reliable protection**: Secure access even if passwords are compromised; effective defense against brute-force attacks

→ **Strengthened security standards**: Unauthorized access to devices is consistently prevented

Further improvements

→   Support for hybrid post-quantum methods: Extension of encryption in device management (SSH and TLS)

→   With the WLC Basic and WLC Upgrade software options, the LANCOM 2100EF can now manage up to 60 access points

→   Extended configuration options for Wi-Fi 7 access points via LANCOM WLAN controllers

→   Fully transparent data forwarding from mobile connections thanks to support for WWAN bridge mode

Thank you!