Feature comparison
LCOS 10.72 vs. LCOS LX 6.12

WLAN modes

Mode	LCOS 10.72	LCOS LX 6.12
Access Point	✓	✓
Client mode	✓	✓
Point to point	✓	✓ (WDS with LCOS LX Access Points)

Wi-Fi features

Feature	LCOS 10.72	LCOS LX 6.12
Limit traffic between clients	✓	✓
Limit maximum throughput within one SSID	✓	✓
Limit maximum throughput per client	✓	✓
Hide SSID (Closed Network)	✓	✓
Use of DFS channels	✓	✓
Optional limitation to DFS-free channels	✓	✓
802.11k	✓	—
802.11v	✓	✓
802.11r	✓	✓
Manual adjustment of the transmitting power	✓	✓
Hotspot 2.0 (Passpoint)	✓	—
VLAN via SSID	✓	✓
Dynamic VLAN allocation	✓	✓

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Wi-Fi security

Feature	LCOS 10.72	LCOS LX 6.12
WPA3 PSK / Enterprise	✓ / ✓	✓ / ✓
WPA2 PSK / Enterprise	✓ / ✓	✓ / ✓
WPA1 PSK / Enterprise	✓ / ✓	✓ / ✓
WEP	✓	✓
PMK caching	✓	✓
Enhanced Open	✓	✓ (without transitional mode)
802.11w (Protected Management Frames)	✓	✓
LEPS-MAC	✓	✓
LEPS-U	✓	✓

ARC (Active Radio Control)

Feature	LCOS 10.72	LCOS LX 6.12
ARC 2.0	✓	✓
Adaptive Noise Immunity	✓	✓
Airtime Fairness	✓	✓
Client Management	✓	—
Band Steering	✓	✓
Adaptive RF Optimization	✓	—

Management modes

Management with	LCOS 10.72	LCOS LX 6.12
LANCOM Management Cloud	✓	✓
WEBconfig (stand-alone)	✓ New WEBconfig in LMC design	✓ New WEBconfig in LMC design
CLI (stand-alone)	✓	✓
LANconfig	✓	✓
LANmonitor	✓	✓
WLAN Controller	✓	✓

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Management protocols

Protocol	LCOS 10.72	LCOS LX 6.12
HTTP	✓	✓ (only for accessing WEBconfig)
HTTPS	✓	✓ (only for accessing WEBconfig)
TFTP	✓	✓ (only for device search in LANconfig)
SSH	✓	✓
SNMPv3	✓	✓

Other

Feature	LCOS 10.72	LCOS LX 6.12
Support for Bluetooth Low Energy	✓	✓
Support for Wireless ePaper	✓	✓
Automatic Software Updates ("Auto-Updater")	✓	✓

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