

# Feature comparison

## LCOS 10.42 vs. LCOS LX 5.30

### WLAN modes

Mode	LCOS 10.42	LCOS LX 5.30
Access Point	✓	✓
Client mode	✓	x
Point to point	✓	x

### Wi-Fi features

Feature	LCOS 10.42	LCOS LX 5.30
Limit traffic between clients	✓	✓
Limit maximum throughput within one SSID	✓	✓
Hide SSID (Closed Network)	✓	✓
Use of DFS channels	✓	✓
Optional limitation to DFS-free channels	✓	✓
802.11k	✓	x
802.11v	✓	✓
802.11r	✓	✓
Manual adjustment of the transmitting power	✓	✓
Hotspot 2.0 (Passpoint)	✓	x
VLAN via SSID	✓	✓
Dynamic VLAN allocation	✓	✓

### Wi-Fi security

Feature	LCOS 10.42	LCOS LX 5.30
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 10.42	LCOS LX 5.30
Adaptive Noise Immunity	✓	✓
Airtime Fairness	✓	✓
Client Management	✓	x
Band Steering	✓	✓
Adaptive RF Optimization	✓	x

### Management modes

Management with	LCOS 10.42	LCOS LX 5.30
LANCOM Management Cloud	✓	✓
WEBconfig (stand-alone)	✓ New WEBconfig in LMC design	✓ New WEBconfig in LMC design
CLI (stand-alone)	✓	✓
LANconfig	✓	✓
LANmonitor	✓	✓
WLAN-Controller	✓	✓ (without Layer-3 tunnel)

### Management protocols

Protocol	LCOS 10.42	LCOS LX 5.30
HTTP	✓	✓ (only for accessing WEBconfig)
HTTPS	✓	✓ (only for accessing WEBconfig)
TFTP	✓	✓ (only for device search in LANconfig)
SSH	✓	✓
SNMPv3	✓	✓

### Other

Feature	LCOS 10.42	LCOS LX 5.30
Support for Bluetooth Low Energy	✓	✓
Support for Wireless ePaper	✓	✓
Automatic Software Updates ("Auto-Updater")	✓	✓