# Feature comparison LCOS 10.72 vs. LCOS LX 6.10

### WLAN modes

Mode	LCOS 10.72	LCOS LX 6.10
Access Point	$\checkmark$	$\checkmark$
Client mode	$\checkmark$	—
Point to point	$\checkmark$	✓ (WDS with LCOS LX Access Points)

#### Wi-Fi features

Feature	LCOS 10.72	LCOS LX 6.10
Limit traffic between clients	$\checkmark$	$\checkmark$
Limit maximum throughput within one SSID	$\checkmark$	$\checkmark$
Limit maximum throughput per client	$\checkmark$	$\checkmark$
Hide SSID (Closed Network)	$\checkmark$	$\checkmark$
Use of DFS channels	$\checkmark$	$\checkmark$
Optional limitation to DFS-free channels	$\checkmark$	$\checkmark$
802.11k	$\checkmark$	_
802.11v	$\checkmark$	$\checkmark$
802.11r	$\checkmark$	$\checkmark$
Manual adjustment of the transmitting power	$\checkmark$	$\checkmark$
Hotspot 2.0 (Passpoint)	$\checkmark$	_
VLAN via SSID	$\checkmark$	$\checkmark$
Dynamic VLAN allocation	$\checkmark$	$\checkmark$



# Wi-Fi security

Feature	LCOS 10.72	LCOS LX 6.10
WPA3 PSK / Enterprise	$\checkmark$ / $\checkmark$	$\checkmark$ / $\checkmark$
WPA2 PSK / Enterprise	$\checkmark$ / $\checkmark$	$\checkmark$ / $\checkmark$
WPA1 PSK / Enterprise	$\checkmark$ / $\checkmark$	$\checkmark$ / $\checkmark$
WEP	$\checkmark$	$\checkmark$
PMK caching	$\checkmark$	$\checkmark$
Enhanced Open	$\checkmark$	√ (without transitional mode
802.11w (Protected Management Frames)	$\checkmark$	$\checkmark$
LEPS-MAC	$\checkmark$	$\checkmark$
LEPS-U	$\checkmark$	$\checkmark$

## ARC (Active Radio Control)

Feature	LCOS 10.72	LCOS LX 6.10
ARC 2.0	$\checkmark$	$\checkmark$
Adaptive Noise Immunity	$\checkmark$	$\checkmark$
Airtime Fairness	$\checkmark$	$\checkmark$
Client Management	$\checkmark$	-
Band Steering	$\checkmark$	$\checkmark$
Adaptive RF Optimization	$\checkmark$	_

## Management modes

Management with	LCOS 10.72	LCOS LX 6.10
LANCOM Management Cloud	$\checkmark$	$\checkmark$
WEBconfig (stand-alone)	✓ New WEBconfig in LMC design	√ New WEBconfig in LMC design
CLI (stand-alone)	$\checkmark$	$\checkmark$
LANconfig	$\checkmark$	$\checkmark$
LANmonitor	$\checkmark$	$\checkmark$
WLAN Controller	$\checkmark$	$\checkmark$





#### Management protocols

Protocol	LCOS 10.72	LCOS LX 6.10
НТТР	$\checkmark$	√ (only for accessing WEBconfig)
HTTPS	$\checkmark$	(only for accessing WEBconfig)
TFTP	$\checkmark$	√ (only for device search in LANconfig)
SSH	$\checkmark$	$\checkmark$
SNMPv3	✓	✓

#### Other

Feature	LCOS 10.72	LCOS LX 6.10
Support for Bluetooth Low Energy	$\checkmark$	$\checkmark$
Support for Wireless ePaper	$\checkmark$	$\checkmark$
Automatic Software Updates ("Auto-Updater")	$\checkmark$	$\checkmark$



LANCOM Systems GmbH Adenauerstr. 20/B2 52146 Würselen | Germany info@lancom.de www.lancom-systems.com LANCOM, LANCOM Systems, LCOS, LANcommunity and Hyper Integration are registered trademarks. All other names or descriptions used may be trademarks or registered trademarks of their owners. This document contains statements relating to future products and their attributes. LANCOM Systems reserves the right to change these without notice. No liability for technical errors and / or omissions. 02/2023