



# Business WLAN-Box - Factsheet

update

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Swisscom (Switzerland) Ltd Business WLAN-Box  
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# Business WLAN-Box

The optimal WLAN extension for Centro Business 3.0

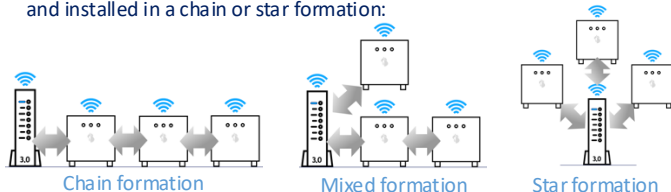
## Highlights

- Super-fast WLAN thanks to the Wi-Fi 6 standard including dual band (2.4 GHz & 5.0 GHz)
- Qualcomm-based engine for optimum interoperability with the router
- LAN Ethernet connections: 2 x 1 Gbit/s
- Commissioning wizard (WIZARD) on the Centro Business 3.0 router portal, for ideal configuration conditions

## Product Description

Expand your network with up to 3 WiFi6 access points (AP). This expands your existing WLAN1 and/or WLAN2 of the Centro Business 3.0. Thanks to mesh technology, your devices connect automatically and without interruption to the best available WiFi transmitter at all times (even when there is movement in the WiFi).

Up to **3 Business WLAN-Boxes** can be paired with the Centro Business 3.0 and installed in a chain or star formation:



Only WLAN1 and/or WLAN2 can be extended with the Business WLAN-Box.

"**Business WLAN-Box FAQ**" is used for detailed product documentation : [German](#) / [French](#) / [Italian](#) / [English](#)



## Scope of delivery

- 1x Business WLAN-Box
- 1x power supply unit with 2m cable
- 1x 5m Ethernet cable (CAT6 flat ribbon)
- Safety instructions [Link](#)

## Field of application

- The Business WLAN-Box can only be used in combination with the Centro Business 3.0 (the important WLAN steering functions are centralised in the router)
- For inOne SME/HOME, Smart Business Connect and Enterprise Connect XS
- **Not supported or authorised:**
  - When using IP / PPPoE passthrough
  - In combination with Business Network Solution (BNS)
  - Use on Ethernet ports with active DMZ
  - As a replacement solution for a guest WLAN with Internet access (in accordance with the guidelines [information sheet SPTA](#))

## Power-LED

- LED lights up white - the device is ready for operation
- ☀ LED flashes white - the device is starting, being configured or receiving an update. Please do not switch off.
- LED lights up red - There is a fault. Restart the appliance.

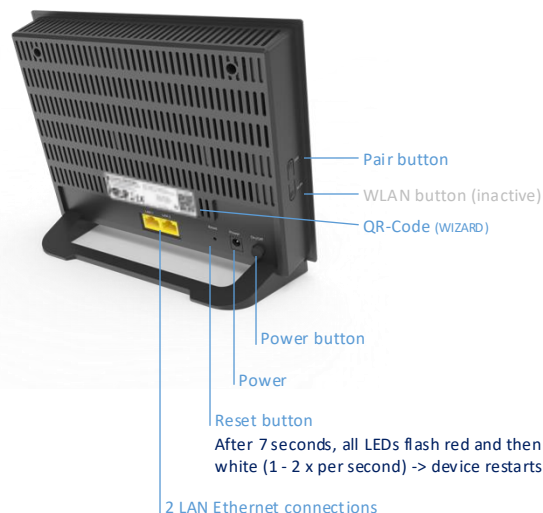
## Status-LED

- LED lights up white - WLAN distance to the router is ideal
- ◌ LED blinks white (1 x per 5 sec.) - WLAN has been disabled on the router
- ☀ LED flashes white - WLAN distance to the router or to the next WLAN-Box is too close
- LED lights up red - WLAN distance to the router or to the next WLAN-Box is too great
- LED does not light up - WLAN is switched off or there is no pairing to the router yet

## Pairing-LED

- LED lights up white - The pairing to the router WLAN is OK
- ☀ LED flashes white (1 - 2 x per second) - Ready for pairing or being set up
- LED lights up red - The pairing to the router cannot be restored

## Rear panel & connections



# Business WLAN-Box

## Technical data



### WLAN



Wifi standard	Wifi 6
WLAN dual band	2x2 @ 2.4GHz band Standard 802.11 b/g/n/ax
	4x4 @ 5.0 GHz Band Standard 802.11a/n/ac/ax
WLAN encryption	WPA2 / WPA3
WLAN speed (shared throughput)	Up to 1200 Mbps
WLAN pairing button	✓ Exclusively for commissioning with the Centro Business 3.0 WPS is not supported for security reasons (SMEs)
Extension of the "WLAN1"	✓
Extension of the "WLAN2"	✓
Extension of the "Separated WLAN"	No

### Network Connection

LAN Ethernet connections For chain formation	2× 1 Gbit/s 10/100/1000 Base-T
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Power consumption		WLAN connection	Ethernet connection
Power consumption	Sleep mode No data transmission	7.5 Watt	8.0 Watt
	Normal operation	8.6 Watt	8.4 Watt
	Switched off (power supply unit only)	< 0,07 Watt	
Input (Power)		12V DC 1.5Amax	

### More about the device

Main Chip		Qualcomm IPQ5018A @ Dual Core 1.0GHz, 512 MB DDR3L
Device manufacturer		Advanced Digital Broadcast, Ltd. <a href="#">Declaration of Conformity</a>
Device size WxDxH Weight (without power supply unit)		220 x 88 x 181 mm 0.48kg
Supports wall mounting		No WLAN transmitters should never be placed directly against a wall, to prevent interference
Packaging size WxDxH weight		240 x 224 x 97 mm 0.88kg