

PA20

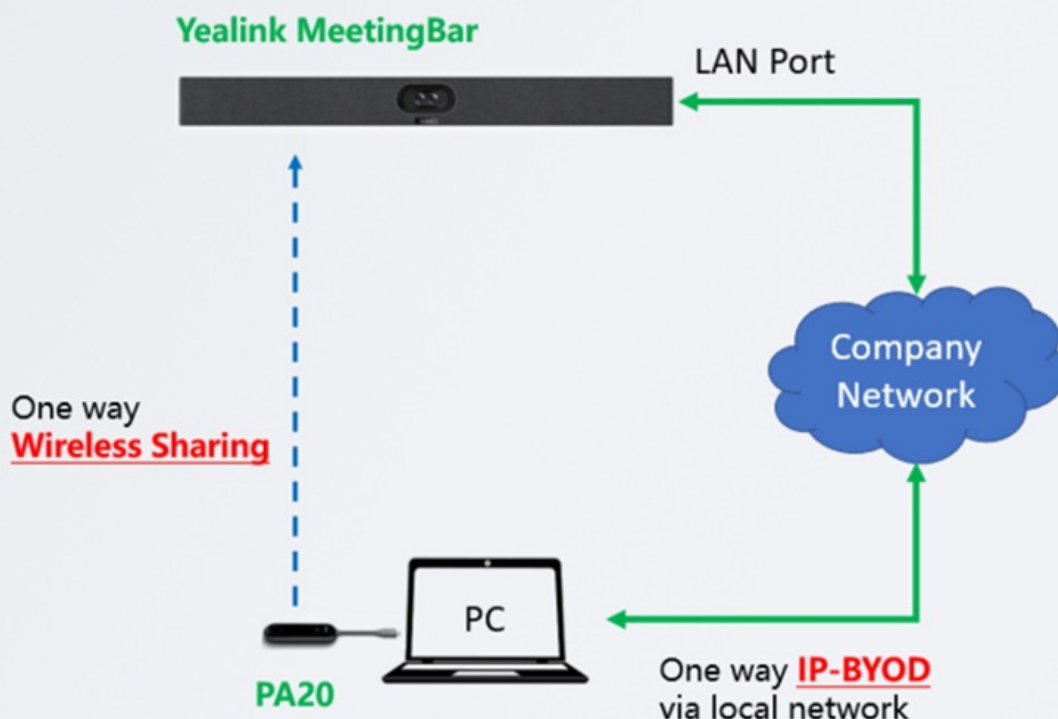
What is the difference between the WPP30 and PA20?

Module	Function	WPP30	PA20
Casting	Hardware Encoder	Yes, via USB-C port, up to 4k/30fps MAX	Yes, via USB-C port, up to 4k/30fps MAX
	Software Encoder	Yes, via USB-A adapter and software running required, up to 1080p/30fps	Yes, via USB-A Adapter and software running required, up to 1080p/30fps
	Reverse Control	Yes	Yes
	PC System supported	Windows/macOS	Windows/macOS
BYOD	Work as PC' s USB peripheral	Yes	Yes
	UVC Video Input	1080p/30fps	Up to 1080p/30fps
	Driver required	No extra driver required	No extra driver required
	PC System supported	Windows/macOS	Windows/macOS
Network	Wi-Fi	2x2 MIMO Wi-Fi 6 802.11 a/b/g/n/ac/ax	2x2 MIMO Wi-Fi 6 802.11 a/b/g/n/ac/ax
	Data Link of casting	Via the connection between the WPP30' s Wi-Fi to the room system' s AP	Via the connection between the PA20' s Wi-Fi to the room system' s AP
	Data Link of BYOD	Wireless BYOD, via the connection between the WPP30' s Wi-Fi to the room system' s AP	IP BYOD, via the connection, such as the company network, between the PC and the room system
Power Supply	-	PC' s USB-A/USB-C port	PC' s USB-A/USB-C port

What does IP BYOD for PA20 refer to?

Yealink PA20: Wireless Sharing + IP-BYOD

Reliable and High-Quality Cableless Solution



When using the PA20's IP BYOD, you must ensure that your laptop and the room device are on the same local area network, and the audio and video media streams of BYOD are transmitted through the local area network between the laptop and the room device.

How can your laptop and the room device network be reachable?

Windows OS:

Using the Win+R shortcut, type **cmd** > click **OK**, enter the room device IP, and then click **Enter**.

Under the same network permissions, the latency time will be displayed.

Not under the same network permissions: It will prompt a request timeout.

```
Administrator: C:\Windows\system32\cmd.exe - ping 10.50.167.33
```

```
Microsoft Windows [Version 10.0.18362.1016]  
(c) 2019 Microsoft Corporation
```

```
D:\Users\yl1653>ping 10.50.167.33
```

```
Pinging 10.50.167.33 with 32 bytes of data:
```

```
Reply from 10.50.167.33: bytes=32 time<1ms TTL=63  
Reply from 10.50.167.33: bytes=32 time<1ms TTL=63  
Reply from 10.50.167.33: bytes=32 time<1ms TTL=63
```

The request will time out without permission to be on the same network.

Administrator: C:\Windows\system32\cmd.exe - ping 10.50.167

D:\Users\yl1653>ping 10.50.167

Pinging 10.50.0.167 with 32 bytes of data:
Request timed out.

The network ports required for IP BYOD data link

If there are network security restrictions between your laptop and the room device, please open the following network ports:

MeetingBar A40/MeetingBar A10/RoomCast E2/MeetingBoard/MeetingBoard Pro

Port	UDP/TCP	Illustration
65320 ~ 65340	UDP	For BYOD video streaming(device to laptop)
65341 ~ 65360	UDP	For BYOD audio streaming(device to laptop)
64367	UDP	For BYOD audio streaming(laptop to device)
32768 ~ 50000	UDP	For BYOD connection confirmation, randomly select a port within this range
64302	TCP&UDP	For BYOD connection

RoomCast

Port	UDP/TCP	Illustration
64007	TCP&UDP	For BYOD connection
64008	UDP	For BYOD video streaming(laptop to device)
64012-64021	UDP	For BYOD audio streaming(laptop to device)
61504	UDP	For BYOD video streaming(device to laptop)
61505	UDP	For BYOD video streaming(device to laptop)

How to set Windows Defender Firewall to allow Yealink Pod?

If your computer has the security software, in the corresponding path is <Control Panel\System and Security\Windows Defender Firewall> you will find the image like below, please allow Yealink Pod through Windows Defender Firewall:



Which device supports PA20 IP BYOD?

RoomCast Series

RoomCast E2	Version 333.320.0.10 and later
RoomCast	Version 144.320.0.20 and later

For details on supported devices, refer to [Teams Rooms Accessories Compatibility Lists](#) .