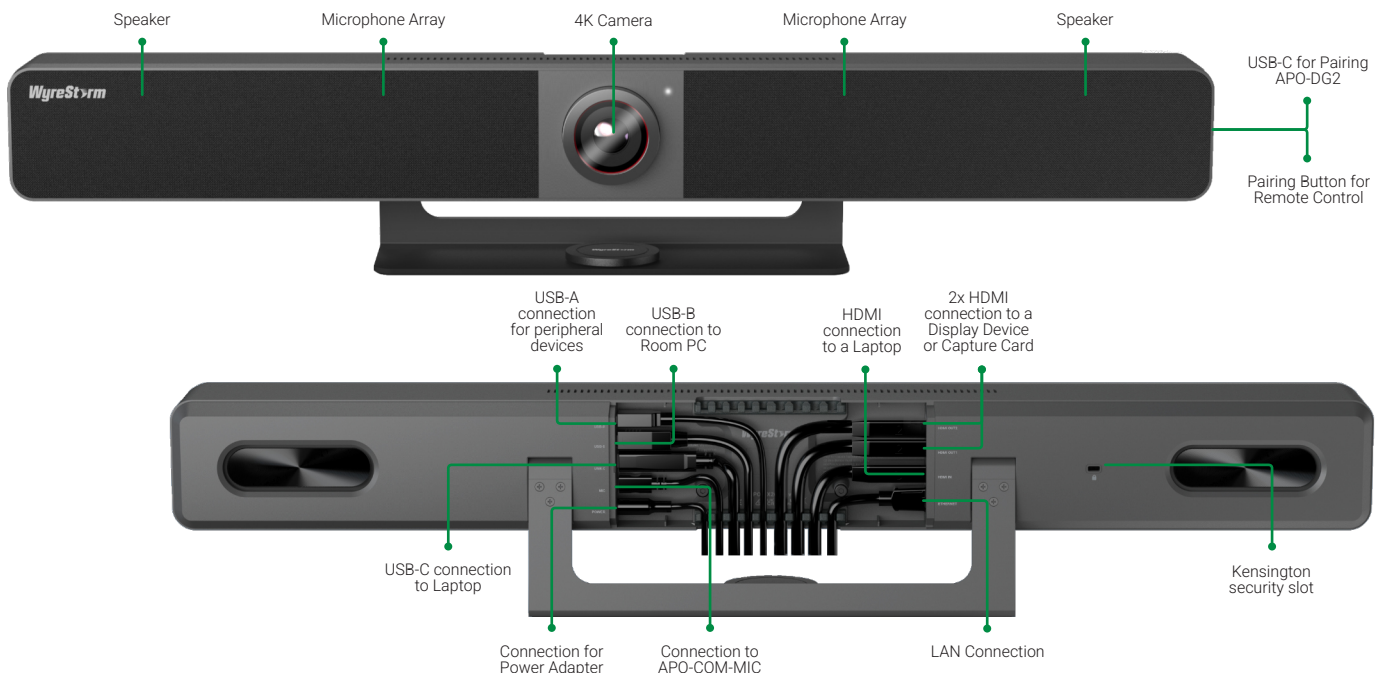


Apollo Series Conference Video Bar & Switcher

APO-VX20-UC v2

WyreStorm

Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The APO-VX20-UC v2 represents the next generation of all-in-one video bars and switchers, engineered to deliver a premium unified communication experience. It combines a high-performance array microphone, powerful stereo speakers, and an ultra-wide angle 4K camera into a single elegant device. With USB-C connectivity supporting 60W charging, HDMI input, dual HDMI outputs and seamless wireless casting through AirPlay, Miracast, and APO-DG2/APO-GD2-PRO with wireless casting and conferencing, the APO-VX20-UC v2 brings unparalleled versatility and simplicity to any professional meeting space.

Key Features

- Ultra-Wide angle 4K AI video camera with approximately 120° DFOV and 1/1.8" CMOS Sensor
- Powered by AI technology, it enables Auto Framing, Speaker Tracking or Presenter Tracking and Individuals Gallery to make meetings more friendly.
- Provides wireless casting via AirPlay, Miracast & APO-DG2/APO-GD2-PRO and wireless conferencing via APO-DG2/APO-DG2-PRO.
- Includes enhanced Acoustic Echo Cancellation, background noise reduction, automatic gain control, and full duplex mode communication to make all participants feel like they are in the same room.
- Built in 8x MEMS digital mic arrays with a range of 8 Meters, and support up to 5 APO-SKY-MIC's
- 2x 8-watt speaker providing crystal clear audio delivery with enhanced bass performance
- Wired USB-C connection provides 60W charging
- Matrix output, and Multiview with 2 windows when single display connected
- Simple plug and play design using a single USB-C connection
- HDMI & native USB-C connection supports up to 4K30 4:4:4 8bit content
- Native USB-C connection provides up to 60w device charging for laptops or tablets
- Includes both a tabletop stand and wall mount for flexible placement
- Magnetic privacy lens cap
- Compatible with all major conference platforms including Microsoft Teams, Zoom, Skype, BlueJeans, Cisco WebEx and more!

In the Box

- | | |
|--------------------------------------|---|
| 1x APO-VX20-UC v2 Video Bar | 1x Magnetic Lens Cap |
| 1x 20V 6A Power Supply (UK/US/EU/AU) | 1x Wall Mounting Kit |
| 1x 5m HDMI Cable | 1x Desktop Stand (On the device) |
| 1x 5m USB-B 3.0 Host Cable | 1x QuickStart Guide |
| 1x Remote Controller | 1x APO-MIC-EXT (RJ45 to USB MINI adapter) |

APO-VX20-UC Specifications

Video and Audio	
Video Resolutions	USB-C IN: Supports DP video transmission, maximum resolution: 4K@30Hz
	HDMI IN: 4K@30Hz (Max), HDCP 1.4
	HDMI OUT 1: 4K@60Hz (Max), HDCP 2.3
	HDMI OUT 2: 4K@30Hz (Max), HDCP 1.4
UVC Video Encoding	MJPEG/NV12/H.264/H.265 UVC 1.1
Camera and Sensor	
Lens	Fixed Focus, 1/1.8', DFOV 120°
Sensor	CMOS, Effective Pixel: 8.0M, 1/1.8'
White Balance	Auto
Backlight Compensation	Auto
Digital Noise Reduction	2D, 3D Digital noise reduction supported
Viewing Angle	DFOV: 120°
ePTZ	Supported 5 x Digital Zoom
HDR	Supported
Tracking Mode	Auto Framing / Speaker Tracking / Presenter Tracking / Individuals Gallery / Manual Mode
Speakerphone	
Microphone	8 x Linear microphone arrays with AEC, ANS, and AGC Pick-up Range: 8m/26.2ft
Speaker	2 x 8 W
Communication and control	
USB	USB-C: USB 3.0 host (60W max charging)
	USB-A: USB 3.0 device (1.25A current output)
	USB-B: USB 3.0 host
USB Protocol	UAC, UVC, USB HID
Ethernet	1 x RJ-45
WLAN	IEEE 802.11 a/b/g/n/ac
Control Method	Button, Bluetooth Remote Controller, API, Web UI
General	
Operating Temperature/RH	0°C ~ 40°C (32°F to 104°F)
Storage Temperature/RH	-20°C ~ 60°C (-4°F to 140°F)
Humidity	10% ~ 90%, non-condensing
ESD Protection	Human-body model:
	±8kV (air-gap discharge)
	±4kV (contact discharge)
MTBF	> 30000h
Power Supply	DC 20V, 6A
Power Consumption (max)	112W (+ USB-C 60W charging)
Dimensions (W x H x D)	699.4mm x 126.82 mm x 90mm/27.54" x 4.99" x 3.54" (with Bracket)
Weight	2.58kg/5.69lbs (with Bracket)

APO-MIC-EXT Specifications

Communication and Control	
USB	USB 2.0 Type-B Mini USB
Ethernet	RJ45, up to 60m (197ft) via Cat6 or higher