



HT-MERCURY

All-in-one meeting collaboration with ultra-wide angle 4K AI camera, microphone and speaker features, along with wired and wireless screen casting capability.

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PRODUCT OVERVIEW

The HT-MERCURY is an all-in-one meeting collaboration video bar with an ultra-wide angle 4K AI camera, microphone and speaker features and wireless screen presentation capability. It includes a built-in Wi-Fi module and offers multiple connection options, including AirPlay, Miracast, Smart View, HT-Voyager and physical HDMI and USB-C ports. Connecting to the HT-MERCURY using any of these methods can project the video from the connected device to the connected display.

The HT-MERCURY includes multiple features such as camera auto tracking, speaker tracking, presenter tracking, Guide Screen, and OSD display. It is ideal for applications in huddle, small, and medium-sized rooms.

FEATURES

- Smart video conference collaboration bar with an all-in-one solution of video, speakers, microphone, and camera.
- Wired screen presentation via USB-C (with DisplayPort) and HDMI.
- Wireless BYOD via AirPlay, Miracast, and HT-Voyager (sold separately).
- Wide angle 4K video camera with 120° FOV.
- 4 x MEMS (micro-electromechanical system) digital microphone arrays with a range of 16~26 feet (5~8 meters) and an angle of 180°.
- 2 x 5W Stereo full range speakers with passive radiator bass enhancement.
- Includes AEC (Acoustic Echo Cancellation), AGC (Automatic Gain Control), ANS (Automatic Noise Suppression) and full duplex mode communication to make all participants feel like they are in the same room.
- Built-in AI technology on the camera allowing for Auto Framing, Speaker Tracking, and Presenter Tracking.
- Simple plug and play UCC with excellent compatibility for OS and UC applications (Zoom, Teams, Webex, etc.)
- Provides flexible control options using Web GUI, the included Remote Controller, and using API commands.
- Built-in Wi-Fi for wireless video casting.

Audio and Video

Interface	1 x HDMI in, 1 x HDMI out, 1 x USB-C, 1 x USB-B, 1 x USB-A, 1 x Mic, 1 x RJ45, 1 x DC
Video Resolutions	3840x2160@30Hz 8bit 4:4:4 (Max)
Output Video Encoding	MJPEG/YUY2/H.264/H.265 UVC 1.1

Camera and Sensor

Lens	Fixed Focus
Sensor	1/2.5", CMOS, Effective Pixel: 8.0M
White Balance	Auto
Backlight Compensation	Auto
Digital Noise Reduction	2D, 3D Digital noise reduction supported
Viewing Angle	FOV: 120°
ePTZ	Supported 5 x Digital Zoom
HDR	Supported
Tracking Mode	Auto Framing / Speaker Tracking / Presenter Tracking

Speakerphone

Microphone	4 x Linear microphone arrays with echo cancellation Pick-up Range: 5m/16.4ft~8m/26.2ft
Speaker	2 x 5 W

Communication and Control

HDMI	HDMI 2.0, HDCP 2.2
USB	USB-C: USB 3.0 host (60W max charging) USB-A: USB 3.0 device 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	Web UI, Bluetooth Remote Controller

General

Operating Temperature	0°C ~ 40°C (32°F to 104°F), 10% to 90%, non-condensing
Storage Temperature	-20°C ~ 60°C (-4°F to 140°F), 10% to 90%, non-condensing
MTBF	> 30000h
Power Supply	DC 24V 5A
Power Consumption (Max)	100W
Dimension (Width x Height x Depth)	700mm x 126.83 mm x 90mm/27.56" x 4.99" x 3.54" (with Bracket)
Net Weight	2.42kgs/5.324lbs (with Bracket)
Gross Weight	6.22kgs/13.68lbs



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