

## 4K BYOM Wireless Presentation & Collaboration



### Key Features

#### Hardware Architecture:

- Embedded hardware architecture with a high-end multimedia chip RK3566 from Rockchip, equipped with an A55 1.8GHz quad-core CPU.
- Built-in dedicated hardware video codec processor, supporting 1 channel of 4K60 decoding or 9 channels of 1080P30 decoding + 1 channel of 1080P30 encoding simultaneously.
- Operating system: LINUX, with high stability, capable of running 24/7. Utilizing a 1/2.5-inch 4K CMOS sensor with 8.29 million pixels, the webcam supports a 4K@30fps image encoding output while being backward compatible with resolutions resolutions such as 1080P and 720P.

#### Supported Operating Systems:

- Windows 7/10/11 (32-bit and 64-bit)
- MAC OS X 10.10 and above
- Wireless screen sharing for smartphones/tablets: Supports AirPlay, recommended iOS9 and above.
- Supports Android and HarmonyOS APP screen sharing (Android 5.0 and above).

#### Hardware Interfaces:

- 1x HDMI2.0 output interface
- 1x HDMI1.4 input interface
- 1x Gigabit Ethernet interface
- 1x 3.5mm audio output interface
- 2x USB2.0 interfaces
- 1x TYPE-C2.0 interface
- 1x 12V/2A power interface

- 1x RESET button for factory settings restoration

#### **HDMI Output Resolution:**

- Maximum supported resolution: 4096x2160P60
- Supports 14 resolution settings

#### **HDMI Input Resolution:**

- Maximum supported resolution: 1920x1080P60

**Codec Formats:** H.265, H.264

**Codec Capability:** Maximum 4K60 support

#### **Screen Sharing Features:**

- Supports three types of transmitters: USB transmitter (1080P encoding), HDMI transmitter (1080P/4K encoding), and TYPE-C transmitter (1080P/4K encoding).
- Supports pure software screen sharing for Windows through WIN Sender application software.
- Supports simultaneous display of multiple mobile devices and mixed display.

#### **Wireless Transmission:**

- Supports dual WiFi: The hotspot AP is WiFi6 2T2R module with external dual antennas.
- The wireless network card is WiFi5 2T2R module with external dual antennas.
- Supports wireless bridging and wired bridging. supports simultaneous display of multiple mobile devices and mixed display.

#### **Additional Features:**

- Supports screen sharing code functionality, automatic full-screen display, and portrait mode screen sharing for mobile phones. supports dual WiFi: The hotspot AP is WiFi6 2T2R module with external dual antennas.
- Supports three screen sharing access modes: AP, wired, and wireless network card. the wireless network card is WiFi5 2T2R module with external dual antennas.
- Supports extended desktop screen sharing. supports wireless bridging and wired bridging. supports simultaneous display of multiple mobile devices and mixed display.

#### **Environmental Requirements:**

- Operating temperature: +5° C ~ +40° C
- Storage temperature: -20° C ~ +60° C
- Humidity range: 0 ~ 90% relative humidity, non-condensing