

Brand: BOEGAM

Model: E900P

Name: 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.

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.

Additional Features:

- Supports screen sharing code functionality, automatic full-screen display, and portrait mode screen sharing for mobile phones.
- Supports three screen sharing access modes: AP, wired, and wireless network card.
- Supports extended desktop screen sharing.

Environmental Requirements:

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

This specification sheet details the hardware and software capabilities of the E900P wireless screen sharing conference system, compatible with multiple operating systems and supporting various wireless transmission and screen sharing methods.