**HT-RANGER**

**BYOD Presentation Switcher**

**PRODUCT OVERVIEW**

The HT-RANGER is a high-performance BYOD presentation switcher with wireless 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-RANGER using any of these methods can project the video from the connected device to the connected display, in either full screen mode or dual view mode. The HT-RANGER includes multiple features such as automatic signal switching, CEC, Guide Screen, and OSD display.

**DESCRIPTION**

HT-RANGER is a collaboration presentation switch used for meeting room or workgroup collaboration. It has two wired video inputs, HDMI and USB-C with a maximum timing of 4K@30Hz 4:4:4, and a Wi-Fi casting input for AirPlay Mirroring and Miracast, allowing it to work as a BYOD receiver.

**FEATURES**

- Dual view presentation.
- Built-in Wi-Fi module for wireless connectivity with devices over AirPlay, Miracast, Smart View, and HT-Voyager.
- Supports HDMI input and output resolutions up to 4K@30Hz 4:4:4.
- Detailed On Screen Display (OSD) information.
- Device control using Web UI and Telnet API.
- Laptops connected to the HT-RANGER using the USB-C interface can access USB peripheral devices (i.e. cameras, microphones) connected to USB-A ports on the HT-RANGER.
### Video

**Input Video Port** 1 x USB In; 1 x HDMI In; 1 x LAN; 1 x WLAN

**Input Video Signal**
- HDMI: HDMI 1.4, HDCP 1.4
- USB-C: DisplayPort 1.1, HDCP 1.4
- LAN/WLAN: H.264

**Input Resolutions**

<table>
<thead>
<tr>
<th>HDMI</th>
<th>640x480p, 800x600p, 1024x768p, 1280x768p, 1280x800p, 1280x1024p, 1366x768p, 1366x768p, 1440x900p, 1400x1050p, 1600x1200p, 1680x1050p, 1920x1200p, 720x480p (480p), 720x576p (576p), 1280x720p (720p30), 1280x720p (720p50), 1280x720p (720p60), 1920x1080p (1080p24), 1920x1080p (1080p30), 1920x1080p (1080p50), 1920x1080p (1080p60), 3840x2160p (2160p30)</th>
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<tbody>
<tr>
<td>LAN/WLAN: Up to 1920x1080p (1080p30)</td>
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</table>

Note: The input resolution support for LAN or WLAN may vary according to the specific BYOD protocols and devices.

1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = at 60 Hz

**Output Video Port** 1 x HDMI

**Output Video Signal** HDMI 1.4, HDCP 1.4

**Output Resolutions**

| 720x480p (480p60), 720x576p (576p60), 640x480p, 800x600p, 1024x768p, 1280x1024p, 1366x768p, 1440x900p, 1400x1050p, 1680x1050p, 1920x2160p, 1600x1200p, 1920x1200p, 2560x1440p, 2560x1440p, 1280x720p (720p50), 1280x720p (720p60), 1920x1080p (1080p50), 1920x1080p (1080p60), 1920x1080p (1080p24), 1920x1080p (1080p25), 1920x1080p (1080p30), 1920x1080p (1080p50), 1920x1080p (1080p60), 3840x2160p (2160p30), 3840x2160p (2160p25), 3840x2160p (2160p25) |

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### Wi-Fi

**Standard** IEEE 802.11 a/b/g/n/ac

**Frequency** Dual bands, 2.4~2.4835GHz, 5.0~5.8GHz

**Throughput** 2T x 2R, up to 433Mbps

**Security** WEP, TKIP, AES, WPA, WPA2

### Control

**Control Connector** 1 x RJ45, 10/100/1000Mbps Ethernet

**Control Method** LAN (Web UI & Telnet API)

### General

**Operating Temperature** 0 to +45°C (32 to +113°F)

**Storage Temperature** -20 to +70°C (-4 to +158°F)

**Humidity** 10% to 90%, non-condensing

**ESD Protection** Human-body Model: ±8KV (Air-gap discharge)/±4KV (Contact discharge)

**Power Supply** 12V 2A DC

**Power Consumption** 12W (Max)

**Device Dimension (W x H x D)** 215mm x 25mm x 120.2mm

**Net Weight** 0.66kg/1.44lbs

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Scan for more information, including product manual, specifications, and downloads