VKSM-8K212

2-In/2-Out 8K/5K HDMI 2.0 Switch-Splitter
with eARC, Serial Control, EDID Management, Audio Embed/Extract

[VKSM-8K212]

Features

- **HDMI 2.1** Video Support Most Popular Resolutions Up to 8K@60Hz, 5K@120Hz, 4K@120Hz
- **HDMI 2.1 Features** Support Including VRR, DSC, Dynamic HDR, ... ETC
- Compliant with HDCP 2.3 / 2.2 / 1.4
- **eARC Flexible Routing** Allows User to Select Proper eARC Path to Facilitate Audio Applications
  - **1 - eARC Off** (Default)
  - **2 - eARC In Extract** (Out 1 Extract to TOSLINK)
  - **3 - eARC Out** (In 2 to In 1)
  - **4 - eARC Out Embed** (Audio In Embed to In 1)
- **EDID Management** Mitigates Most Display Incompatibility Issues, and Ensures Proper Operation for Dynamic EDIDs
- **Serial Control** Allows Incorporation with Control Panels / Industrial Controls
- **Audio Embed** Allows Temporary/Constent Insertion of Audio or Nerative Information into The Video

Specification

Model Number	VKSM-8K212	
MAX. Resolution (4K@120Hz, 4:4:4)	7680x4320@30Hz (4:4:4) 5120x1440@120Hz (4:4:4) 3840x2160@120Hz (4:4:4) & Other Popular Resolutions	
Interfaces	**Inputs**	**Outputs**
Video Switching	HDMI 2.1 x 2 (In)	HDMI 2.1 x 2 (Out)
Audio Embed / Extract	3.5mm MIC x 1 (In) (Embed)	TOSLINK x 1 (Out) (Extract)
Flexible eARC Routings	1 - eARC Off (Default) 2 - eARC In (Out 1) Extract 3 - eARC Out (In 1) 4 - eARC Embed (Audio In)	
Serial Control (38400bps)	RJ11 x 1 (RS-232)	
Push Button	Audio Embed x 1, Video Select x 2	
HDCP Compliance	HDCP 2.3 / 2.2 / 1.4	
EDID Management	Pass / Copy / Auto	
Hot Plug-and-Play	Yes	
H x W x D (mm)	25 x 125 x 95 (Weight : 600g)	

Connection Pattern

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