

PIP / PbP
4K / QHD

VKSCM-231



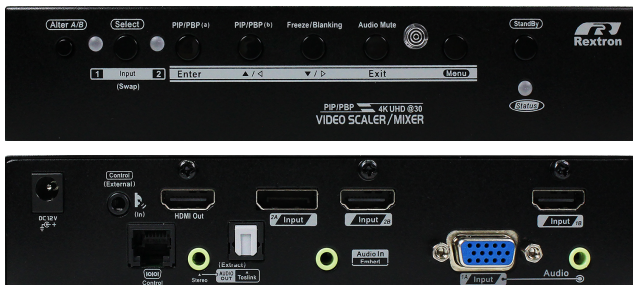
2 Channel 4K Multi-Format Switch with 4K Scaler, PIP, PbP, Audio Embed, Audio Extract, IR Control, Serial Control

Specifications

Model Number	VKSCM-231
MAX Resolution	3840x2160@30Hz (4:4:4) 2560x1440@60Hz (4:4:4)
Video In	Channel 1 : VGA x 1 (A) , HDMI x 1 (B) Channel 2 : DP x 1 (A) , HDMI x 1 (B)
Video Out	HDMI x 1
Audio In	3.5mm SPK Jack x 1 (Embed)
Audio Out	3.5mm SPK Jack x 1 (Extract) , Toslink x 1 (Extract)
HDCP Compliance	HDCP 1.4
Push Buttons	OSD Combo Control x 5, Select x 2, StandBy x 1
OSD Control	Resolution (Scaling) , Color, Size, Transparency, PIP/PbP, Compensation, System Controls
IR Control	IR Receiver x 1 (Front) 3.5mm External IR Input x 1 (Rear)
Serial Control	RJ11 x 1 (RS-232, Baud Rate = 38400bps)
View Layouts	PIP / PbP / Full-Screen
PIP/PbP Presets	Presets x 2 (a / b)
LED Indicators	Input x 2, Status x 1
Operation Environment	0~40°C, Humidity<80% (Storage : -20~60°C)
Power Supply	DC 12V
H x W x D (mm)	175 x 110 x 35 (Weight : 370g)
Material	Aluminum

Features

- **Video DSP** Empowers Adjustments of PiP / PbP / 4K Scaling / Transparency / Color / Other Properties
- Users May Customize Preferred View Layouts by Tuning View Size / Location / Transparency
- **2 Preset Memories** Allow Quick Access to Preferred View Layouts
- **2 Channels** to Form PiP / PbP Views on 1 Display (2 Video Inputs for Each Channel, Seamless Swap) (Total 4 Inputs, HDMI x 2, DP x 1, VGA x 1)
- **Multi-Format Videos** Support Most Popular Resolutions Up to 4K@30Hz / QHD@60Hz
- **Freeze Function** Shows Single Frame of the Playing Video for Viewing Detailed Image
- **Blanking Function** Shows Black Image while Video Is Not Required
- **Mirror Function** Shows Vertical / Horizontal Reversed Video
- **Audio Embed** Allows Users to Insert Audio / MIC into the Video Stream (e.g. Add Commentary)
- **Audio Extract** Facilitates Audio Amplifier Applications by Supplying Analog / SPDIF Out
- **Flexible Control Methods Including :**
 - IR Control
 - Serial Control (RS-232 Baud Rate = 38400bps)
 - Front Push Button Control with OSD Menu
- **Plug-n-Play** Requires No Software, No Driver
- **HDCP Compliance** Ensures Proper Playback of 4K Video



Product Family

Model	Video Inputs	Note
EVBM-K1029R	HDBT x 1, HDMI x 1	HDBaseT Receiver
TBVM-KUA030	HDMI x 3, VGA x 1	Table Box Type
VKSCM-231	HDMI x 2, DP x 1, VGA x 1	Box Type
VKSCM-221	HDMI x 2, DP x 2	Box Type
VKSCM-201	HDMI x 2	Box Type

Connection Pattern

