

GQSM-200

2-In / 2-Out 4K@60Hz Video Processing Block

with Cross-Switch / Switch-Splitter / PiP / PbP / Separate & Merge Modes



Features

- Mix & Process Dual 4K@60Hz Videos at Affordable Cost
- **Supports Popular / ATC / Medical Resolutions** Up to Dual 4K@60Hz (4:4:4) / 2048x2048 / 1536x2048,...
- **Seamless Switch** Empowers Zero-Black, Instant Transition
- **4K Scaling** (Switch-Splitter Mode) Scales Up / Down the Video Output-2's Resolution (FHD or Other Popular Resolutions), Empowers Pixel-to-Pixel Matching, Clear Vision (Best for Projector / Video Capture / Streaming)
- **Cross-Switch Mode** (Seamless) Displays the 2 Videos Separately on 2 Monitors, and Allows Swap the 2 Videos
- **PbP Mode** Fuses the 2 Videos to Either Top-Bottom PbP or Left-Right PbP (e.g. 4K=1920x2160+1920x2160)
- **PiP Mode** Fuses the 2 Videos to PiP, and Allows Placing at the 4 Corners, Altering Sizes / Transparency
- **HDCP Engine** Emulates the Existence of Monitor, Keeps Video Uninterrupted, and Empowers Fast-Switching
- **HDCP Management** Allows Selection of the Proper HDCP Version : HDCP 2.2 / HDCP 1.4 / Non-HDCP
- **EDID Management** Allows Selection of Monitor Resolutions

Multiple Video Modes

Specification

Model Number		GQSM-200
Popular Resolutions (60Hz, 4:4:4)		4096x2160, UHD, QHD, FHD, 3440x1440, 3840x1600, 2560x1600, ...
Special Resolutions (60Hz, 4:4:4)		ATC : 2048x2048 Medical : 1536x2048, 1640x2048, 2100x2800, 3072x2048, 3280x2048
Dual-Video Resolutions for Merge / Separate / Screen-Duplex		2048x2048, UHD, QHD, FHD, 2560x2880, 1920x1920, 1536x2048, 1640x2048, 2100x2800, 5120x1440, 2560x1080
Video Interfaces		Input
		HDMI 2.0 x 2 w/ HDCP Engine (EDID Emulation)
		Output
		HDMI 2.0 x 2
Control Methods	RS-232	RJ-11 x 1 (38400bps) (8-Selections, 9600~115200bps) HDCP Management (2.2 / 1.4 / Non-HDCP) Video Output 2 Scaling (Popular Resolutions)
	USB COM	USB-C x 1 (All Baud Rates)
	Button	Push Button x 1 (Source Switch)
	Switches	Rotary Switch x 1 (Video Mode) Rotary Switch x 1 (Resolution, EDID)
Video Modes		Cross-Switch / Switch-Splitter (Scaler) / PiP / PbP / Merge / Separate (Screen-Duplex)
HDCP Compliance		HDCP 2.2 / HDCP 1.4
Material ; PSU		Metal ; DC 9~12V, >1A
H x W x D (mm) ; Weight		28 x 97 x 130 ; 454g

