

Video Matrix
16:9 / 21:9 / 32:9

QSBM-3214



4 Ports True 4K HDMI 2.0 KVM Switch with Video Matrix, Seamless Switch, Hotkey Control, Serial Control, Full-Frame Technology

Specifications

Model Number	QSBM-3214	
MAX. Output Resolution (Outputs 1 & 2)	3840x2160@60Hz (4:4:4) 4096x2160@60Hz (4:4:4)	
Interfaces	PC Side	Console Side
Video Switching (Matrix)	HDMI 2.0 x 4 (In)	HDMI 2.0 x 2 (Out)
USB Switching (5Gbps)	USB 3.2 x 4 (B)	USB HID x 3 (A) USB 3.2 x 1 (A)
Audio Switching	SPK x 4 (In)	SPK x 1 (Out)
Push Button Control	Port Select x 4 Function x 1 Video Swap x 1 Console Swap x 1 Sync x 1	
Video Mode	H-MbM (Default) V-MbM H-PbP* V-PbP*	
Hotkey Control	Yes	
Mouse Roaming	H-Roaming V-Roaming Off (Default)	
EDID Management (MbM Mode Only)	Auto (Default) Presets	
Seamless Switch	Zero Latency	
Hot Plug-n-Play	Yes	
PC LEDs	Red x 4 (Console-Video) Blue x 4 (Sub-Video) Green x 4 (PC Ready)	
Status LED	Green x 1	
H x W x D (mm) (Weight)	40 x 220 x 130, 1150g	
Power Supply	DC 12V	

Features

- Allows 4 Computers Share 1 Set of KVM Console
- **Seamless Switch** Empowers Zero-Latency Switching and the Best Productivity
- **Most Popular Resolutions Supported** by HDMI 2.0 Video Up to 4K@60Hz (4:4:4), & 16:9 / 21:9 / 32:9 Aspect Ratios
- **4x2 Video Matrix** (MbM Modes) Allows Free Routing of the 4 PCs to the 2 Video Outputs
- **Unique Full-Frame PbP** (PbP Modes) Ensures Maximized Operating Area when the 2 Outputs Connected to a PbP-Ready Monitor
- **HDCP 2.2 & 1.4 Compliance** Ensures Uninterrupted Video Playback
- **EDID Management**, Ensures Proper Resolutions Applied (Follow Output 1 Monitor)
- 3 Flexible Switching Control Methods :
 - **Front Push Buttons**
 - **Hotkey Control**
 - **Mouse Roaming**
- **USB 3.2 Gen 1** Supports Most Devices Up to 5Gbps
- **Plug-n-Play** without Software or Driver Requirement
- **Serial Control** Facilitates Industrial Control
- Support Windows, Mac, Linux, Chrome O.S
- **Independent Switching** of Audio & USB 3.2 Allows the Audio & USB 3.2 Either Switching with the Console or Stay at Certain PC Port

Full-Frame Technology

The Old Way :
Simply Scale Down by 50%



The Full-Frame Technology :
Special EDID for MAX. Area
(without Visual Distortion)



MbM Mode



Video Matrix
Dual Output

PbP Mode

Monitor with PbP Function



Video Matrix
Dual Output

Video Out A Video Out B

Connection Pattern

