

Full-Frame PBP

4 Ports 4K HDMI Full-Frame PBP KVM Switch with USB 3.2 Gen 1, Mouse Roaming Switch, 4x2 Video Matrix

► Specifications

Model Number		MBAG-3214
Dual-Video Output Modes	Dual-Monitor Mode	3840x2160@30Hz (4:4:4) 4096x2160@30Hz (4:4:4)
	Top-Bottom PBP* (16:9)	3840x1080@60Hz (4:4:4)
	Left-Right PBP* (16:9/32:9)	1920x2160@60Hz (4:4:4) 1920x1080@60Hz (4:4:4)
	Left-Right PBP* (21:9)	1280x1080@60Hz (4:4:4) 1720x1440@60Hz (4:4:4)
	Computer Interface (4-Port)	USB 3.2 Gen 1 Ports
	Video Input	HDMI 1.4 x 4
	Audio Input	3.5mm Speaker Jack x 4
Console Interface	USB 3.2 Gen 1 Ports	USB-A x 1 (Front) USB-A x 1 (Rear)
	USB HID Ports	USB-A x 1 (Front) USB-A x 3 (Rear)
	Video Output	HDMI 1.4 x 2
	Audio Output	3.5mm Speaker Jack x 1
EDID Management		Copy / Auto / Default / Aspect
Control Methods		Mouse Roaming / Hotkey / Push Button
HDCP Compliance		HDCP 1.4
HDCP Engine		Yes
Push Buttons		Port-Select x 4, EDID Copy x 1
Slide Switch		Dual-Video Output Mode x 1
LED Indicators		PC-Ready x 4, PC-Select x 4, EDID Copy x 1, Power x 1
Power supply		DC 9~12V
Operation Environment		0~40°C, Humidity<80%
Storage Temperature		-20~60°C
H x W x D (mm)		44 x 220 x 130 mm
Material		Metal
Weight (g)		1083

*Monitor Must Provides Proper Built-in PBP Functions



► Overview

The 4 Ports 4K HDMI 1.4 Full-Frame PBP KVM Switch with USB 3.2 Gen 1, Mouse Roaming Switch, 4x2 Video Matrix, MBAG-3214, allows 4 computers to share 1 set of KVM console, including an HDMI 1.4 PBP-Ready monitor or Dual-Monitor, Hotkey Control, 3.5mm speaker, and USB 3.2 Gen 1 devices. This full-screen PBP KVM Switch is dedicated to monitors with built-in PBP function.

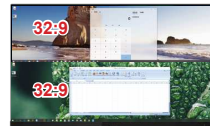
► Connection Pattern



► Features

- Unique Full-Frame PBP Design - Unique Undistorted and Uncut PBP Image to Enhance The Standard PBP Pictures Provided by The Monitor and to Fully Utilize Every Pixel of The Monitor
- Video Presets Allows Flexible Applications :
 - Vertical PBP Features Two 32:9 Immersive Visions on a 4K PBP-Ready Monitor
 - 2 Horizontal PBP Modes Features Two Equal-Sized Visions for 16:9 / 21:9 / 32:9 PBP-Ready Monitors
 - Dual-Output Mode Features Operation Using 2 HDMI Monitors
- Allows 4 Computers to Share 1 Set of KVM Console
- HDMI 1.4 Video Supports Most Popular Resolutions Up to 4K@30Hz or 1920x2160@60Hz (4:4:4)
- EDID Management, Including EDID Copy / Auto EDID, Ensures Display Compatibility
- Mouse Roaming Switch Yields Intuitive Operation - Moving Mouse Cursor across Screen Border to Switch Port, for Windows & Linux
- 3 Flexible Switching Control Methods :
 - Push Buttons, Hotkey Control, Mouse Roaming
- USB 3.2 Gen 1 Provides Excellent 5Gbps Speed
- Support Windows, Mac, Linux, Chrome O.S

Mode 1 (Top - Bottom PBP)



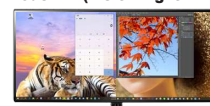
16:9 PBP Monitor

Mode 2 (Left - Right PBP)



16:9 & 32:9 PBP Monitor

Mode 2W (Left - Right PBP)



21:9 PBP Monitor

Dual-Monitor Mode



Dual-Monitor

PBP Monitor

