

## 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 )<br>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 )<br>1920x1080@60Hz ( 4:4:4 )  |
|                               | Left-Right PBP* ( 21:9 )      | 1280x1080@60Hz ( 4:4:4 )<br>1720x1440@60Hz ( 4:4:4 )  |
|                               |                               |                                                       |
| Computer Interface ( 4-Port ) | USB 3.2 Gen 1 Ports           | USB-B x 4                                             |
|                               | 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 )<br>USB-A x 1 ( Rear )             |
|                               | USB HID Ports                 | USB-A x 1 ( Front )<br>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



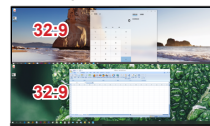
### ► Features

- 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

### ► Product Family

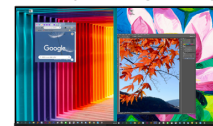
| Product Number | Port Number | Monitor Aspect Ration | USB           |
|----------------|-------------|-----------------------|---------------|
| MBAG-3214      | 4           | 16:9 / 21:9 / 32:9    | USB 3.2 Gen 1 |
| MBAG-2214      |             |                       | USB 2.0       |
| MBAG-Z2214     | 2           | 4K 16:9               | USB HID       |
| MBAG-312       |             |                       | USB 3.2 Gen 1 |

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

