

# 3X1 4K Switcher with Auto Switching

## ALFATRON ALF -WUK3A



### DESCRIPTION

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ALFATRON ALF-WUK3A is a 4K 3x1 Switcher. It is an auto switcher with three HDMI video inputs and one HDMI output. It supports HDMI video resolution up to 4Kx2K@60Hz 4:4:4 HDR, Dolby Vision and multichannel audio.

### FEATURES

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- Switches any one of three HDMI inputs to one HDMI output.
- Supports video resolution up to 4Kx2K@60Hz 4:4:4 and 1080P.
- Supports HDR 10 and Dolby Vision.
- 18Gbps high bandwidth.
- Fully compliant with the HDMI 2.0 and HDCP 2.2 specifications.
- Controlled by IR remote.
- Powered by the HDMI input source and no need of any external power supply, simplifying the installation and operation.
- Supports CEC pass-through.
- Provides four LEDs to indicate the current operating status.
- Metal design.

## TECHNICAL SPECIFICATIONS

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### Video Specification

Video Input	: 3x HDMI
Input Connector	: 3x Female type-A HDMI
HDMI input Resolution	: Up to 4Kx2K@60Hz 4:4:4
Video Output	: 1x HDMI
Output Connector	: 1x Female type-A HDMI
HDMI Output Resolution	: Up to 4Kx2K@60Hz 4:4:4

### General Specification

HDMI Standard	: 2.0
HDCP Version	: 2.2
HDR	: Supported
Dolby Vision	: Supported
CEC Pass-through	: Supported
HDCP Pass-through	: Supported
Hot-Plug	: Supported
HDMI Audio Format	: Supports LPCM 7.1 Audio Dolby Atmos® Dolby®TrueHD Dolby Digital®Plus DTS:X™ DTS-HD®Master Audio™ Pass through
HDMI Cable Length	: From Source to Display 1080p@60Hz <20m 4K@60Hz(4:2:0) <10m 4K@60Hz(4:4:4) < 4m
Bandwidth	: 18 Gbps
Operation Temperature	: -5°C to +55°C
Storage Temperature	: -25°C to +70°C
Relative Humidity	: 10% to 90%
Power Supply	: Powered by HDMI input Source
Power Consumption	: 0.1W (Max)
Dimension (W*H*D)	: 105mm x 55mm x 18mm
Net Weight	: 150g

## SYSTEM DESIGN

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