


Chameleon Ultra-Fast 4K Switcher

PS200



ProAV 4K image scaler and switcher



- 
HQUltra 4K upscaling technology
- 
Pan-tilt-zoom and picture-in-picture support
- 
Ultra-fast 0.25-second source switching
- 
HDMI and analog inputs / outputs

Scale and switch video sources up to 4K resolution with the Optoma Chameleon PS200 image processor. HQUltra technology scales images to 4K fidelity for stunning video with low latency. Switch inputs in as little as 0.25-seconds for lightning-fast switching, whether via digital HDMI sources or legacy analog formats, without sacrificing image quality.

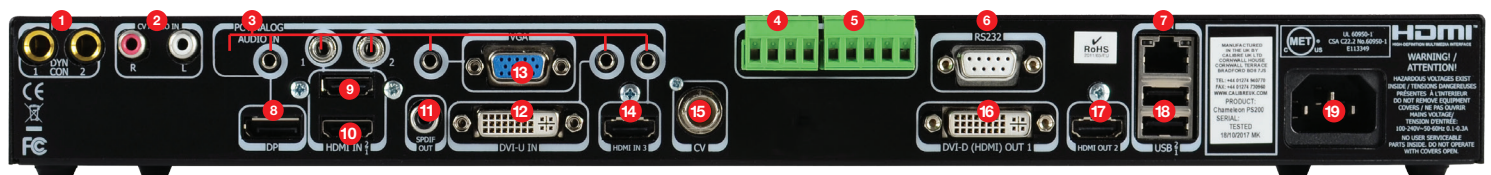
Analog audio inputs and outputs provide audio-follow-video capabilities for easy integration with custom audio configurations. Microphone inputs with phantom power and an internal mixer make it easy to add a presenter or voiceovers. An integrated amplifier enables direct connections to passive speakers for a simplified audio output.

Full HD
1080p

4K ULTRA HD™

HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE

HDCP



- | | | | |
|--------------------------|----------------------|----------------|---------------|
| 1. Mic Inputs | 5. Balanced Line-Out | 9. HDMI-In | 13. DVI-U-In |
| 2. CV Audio-In | 6. RS-232C | 10. HDMI-In 2 | 14. HDMI-In 3 |
| 3. Analog Audio Inputs | 7. LAN | 11. S/PDIF-Out | 15. CV |
| 4. Amplified Speaker-Out | 8. DisplayPort-In | 12. VGA-In | 16. DVI-D-Out |
| | | | 17. HDMI-Out |
| | | | 18. USB |
| | | | 19. AC power |

VIDEO SPECIFICATIONS

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|--|--|
| Display Outputs | 1x HDMI (1.4a, 4K*), 1x DVI (1080p) |
| Display Inputs | 2x HDMI (1.4a, 4K*), 1x HDMI (1.4a), 1x DisplayPort (4K*), 1x DVI-U (supports HDMI, VGA/RGBs/YPbPr with adapter [not included]), 1x VGA, 1x composite (PAL/NTSC/SECAM) |
| Maximum Input/Output Resolution | 4K* (HDMI 4K/DisplayPort only) 3840x2160p (23.97/24/25/29.94/30/50/59.94/60), 4096x2160p (23.97/24) HD 1280x720p, 1920x1080i, 1920x1080psf, 1920x1080p (23.97/24/25/29.94/30/50/59.94/60), 2048x1080p (23.97/24/25/29.94/30/50/59.94/60) ED 480p, 576p, SD 625i (576i), 525i (480i) Common VESA graphics formats from VGA to 4K, (modes higher than WUXGA on 4K capable input channels only) |
| Operating Temperature | 41°F - 104°F (5°C - 40°C) |
| Power Source | AC 100-240V 50/60Hz |
| Power Consumption | 50W typical @ 100-240V AC |

COMPATIBILITY SPECIFICATIONS

| | |
|-----------------------------|---|
| User Controls | Front panel jog-wheel and LCD menu display Keypad for direct input selection Remote control via RS232, TCP/IP API and Web server Gigabit Ethernet for webserver and remote control API |
| I/O Connection Ports | Inputs: 2x HDMI (4K*), HDMI (HD), DisplayPort (4K*), DVI-U, VGA, composite, Outputs: HDMI (4K*), DVI, S/PDIF Control: RJ-45 (LAN), RS232C, 2x USB |
| Features | Picture-in-picture (PiP), Streaming video input (via network port) |

| | |
|--------------------------------|--|
| Audio Output | 2x 15W amplifier, S/PDIF (coaxial), balanced line output |
| Audio Input | 6x analog (3.5mm), 1x RCA (CV audio), 2 x mic |
| Rackmount Compatibility | 1U |

PHYSICAL SPECIFICATIONS

| | |
|-------------------------------|---------------------|
| Weight | 6.5 lbs. |
| Dimensions (W x H x D) | 19" x 1.75" x 7.75" |

Warranty

1-year warranty on parts and labor

What's in the Box

PS200, power cable

UPC 796435 09 132 3

OptomaUSA.com



14K @ 60Hz limited to YUV 4:2:0 color space
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