

Chameleon 4K Image Scaler

CS200T



4K Image Processor for Edge Blending Installations



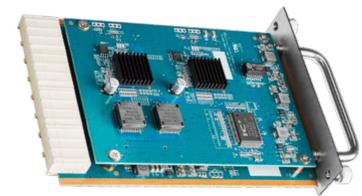
-  Scale 4K video signals from a variety of HDMI source devices
-  Connect up to four projectors for edge blending in 1x2, 1x3¹, 1x4¹ & 2x2¹ configurations
-  Robust connectivity with HDMI and HDBaseT for greater installation flexibility
-  Perfect companion for ZH420UST and projectors with built-in edge blending and warping

Simplify edge blending multiple projectors with the Optoma Chameleon CS200T image processor. Its image scaling capabilities can accept any input up to 4K UHD and output perfectly cropped images to each projector in the array. Up to two projectors are supported while an optional¹ expansion module increases support to four projectors.

Combine the CS200T with up to four Optoma ZH420UST projectors to unlock automatic edge blending. This feature takes advantage of the cameras built into the projectors, using the included BlendIt software, for perfect edge blending with a couple simple clicks.



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|-------------------|--------------------------------|-------------------|----------------|
| 1. Power switch | 6. Mini USB (service only) | 11. HDBaseT-Out 3 | 16. HDMI-Out 3 |
| 2. AC power | 7. HDMI 2.0-In | 12. HDBaseT-Out 1 | 17. HDMI-Out 2 |
| 3. RJ45 (cascade) | 8. HDMI 2.0-Out (loop through) | 13. HDBaseT-Out 4 | 18. HDMI-Out 1 |
| 4. RJ45 (LAN) | 9. Audio-In (3.5mm) | 14. HDBaseT-Out 2 | |
| 5. RS-232C | 10. Audio-Out (3.5mm) | 15. HDMI-Out 4 | |



¹Optional BO-HMTCS expansion module

VIDEO SPECIFICATIONS

Display Outputs	4 x HDMI (1.4a HDCP 1.4), 4 x HDBaseT (1.0)
Display Inputs	1 x HDMI 2.0 (HDCP 2.2)
Maximum Input Resolution	4K UHD (3840 x 2160 @ 60Hz)
Maximum Output Resolution	WUXGA (1920 x 1200 @ 60Hz)
Cropping Layout	Stacking - 1x2 with optional expansion module - 1x3, 2x2 & 1x4
Overlap Percentage	H/V output resolution pixel (0-100%)
Operating Temperature	41°F - 104°F (5°C - 40°C)
Power Source	AC 100-240V 50/60Hz
Power Consumption	< 80W @ 100-240V AC < 0.5W (standby)

COMPATIBILITY SPECIFICATIONS

Projector Compatibility	ZH420UST, ZU750 ² , ZU850 ² , ZU1050 ² , WU1500 ²
HDTV Video Compatibility	NTSC, PAL, HDTV (720p, 1080i and 1080p)
Graphics Compatibility	4K UHD 2160p, WUXGA, HDTV 1080p, UXGA, SXGA, WXGA+, WXGA (1280 x 800), WXGA, HDTV (720p), XGA, SVGA, VGA, PC and Mac compatible
Rackmount Compatibility	1U
User Controls	2 x RJ45, RS232, LCM and control knob
I/O Connection Ports	HDMI 2.0 (HDCP 2.2), audio in (3.5mm), HDMI 2.0 out (loop through), audio out (3.5mm), 4x HDMI 1.4a out, 4x HDBaseT(1.0) out, mini USB (service), 2x RJ45
Auto Blending Software	BlendIt
Operating System Compatibility	Windows 7, Windows 8 and Windows 10

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port
Weight	7.05 lbs.
Dimensions (W x H x D)	16.8" x 1.8" x 12.3"

Warranty

1-year warranty on parts and labor

What's in the Box

CS200T, power cable, HDMI cable, LAN cable

Optional Accessories

Expansion module

Accessory Part Numbers

Expansion module: BO-HMTCS

UPC 796435 09 137 8

Optoma.com



¹Optional BO-HMTCS expansion module required for 1x3, 2x2 and 1x4 stacking support.
²Auto blending feature and BlendIt software not compatible with these models.
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