

ACS-2048

Alternative content switcher



Features

- Supports HD/SD SDI, DVI, analog computer and video Inputs
- All inputs support standard interlaced sources
- 12-bit internal processing/scaling
- State-of-the-art 10-bit de-Interlacer with Diagonal Filter
- Low video delay
- Designed to support HDCP sources and HDCP compatible projectors
- Twin Link DVI output at 12 bits/color

As the ideal peripheral for all digital cinema installations, the ACS-2048 is an 8x1 switcher that accepts “universal” input formats, and outputs up to 12-bit twin DVI at 2,048 x 1,080 – the digital cinema standard. With a high-quality scaler at its core, upconverting any input format is as simple as “auto-acquiring” and selecting the desired input. However, disguised as a switcher, ACS-2048 is really a pathway to new revenue streams for your facility. By enabling “alternate” content to be displayed in the digital cinema resolution, your theater’s role as a presentation facility for events, businesses, conventions, town-hall meetings and so much more – becomes a reality.

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ACS-2048 Technical specifications

Inputs	1x S-SDSI per SMPTE 259M-C (NTSC/PAL resolution) and HDS-SDSI input and per SMPTE 292M (HDTV) 2x DVI-I inputs per DDWG 1.0 <ul style="list-style-type: none">• HDCP support 1 x Analog input on HD15 VGA connector <ul style="list-style-type: none">• Supports both YUV and RGBHV• 10-bits/color sampling (1:1 sampling up to 1,600 x 1,200 @ 60 Hz) 1x Analog input on BNC connectors (5) <ul style="list-style-type: none">• Supports both YUV and RGBHV• 10-bits/color sampling (1:1 sampling up to 1,600 x 1,200 @ 60 Hz) 1x Composite NTSC/PAL video (CVBS) on a BNC connector 1x Encoded NTSC/PAL Y/C video on 4-pin mini-DIN connector 1x Optional input (factory-installed mezzanine)
Outputs	DVI Dual channel ("Twin-Link DVI") output on 2 DVI-I connectors <ul style="list-style-type: none">• 12-bit 4:4:4 RGB output• User selectable for 8-bit output• HDCP encryption• Non-encrypted DVI data until HDCP is supported in the projector Frame rates: 50 Hz, 59.94 Hz
Front panel display	<ul style="list-style-type: none">• 128 x 32 VFD Display• Menu navigation via rotary encoder knob, Select/Escape buttons• Input source selection via 9 back-lit buttons• Sync Present indication on front panel via switch backlight
Remote control	Fully controllable over IP
Power requirements	100 - 240 VAC – 50/60 Hz, autoselecting 1.0A max
Dimensions	Width: 19" Rack Height: 2RU

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The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this brochure can be found on www.barco.com.

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