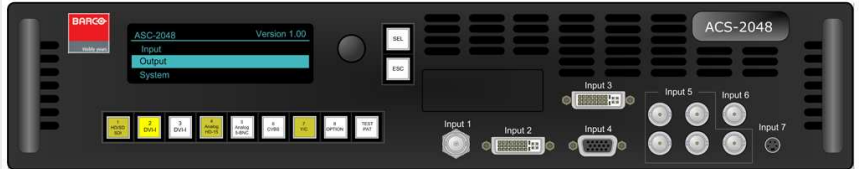


ACS-2048

Alternative content switcher



As the ideal peripheral for all digital cinema installations, the ACS-2048 is an 8x1 switcher that accepts "universal" input formats, and outputs 12-bit twin DVI at 2048 x 1080 - one of the digital cinema standards. 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.

Key benefits

- "Universal" inputs support HD/SDI, SD-SDI, DVI, Analog, Composite, and S-video formats
- Twin link 12-bit DVI outputs upconvert all inputs to 2048 x 1080
- Motion adaptive de-interlacing and advanced noise reduction circuits are employed throughout to maintain superb image quality
- User-friendly front panel provides intuitive "local" control
- A standard HDCP (High-Bandwidth Digital Content Protection) "decrypted input" and "encrypted output" path enables copy-protected content to be displayed at digital cinema resolutions, while maintaining the highest degree of security for the copyright

BARCO

Visibly yours

ACS-2048

Alternative content switcher

holder

Product specifications

ACS-2048

Inputs	<p>1x S-SDI per SMPTE 259M-C (NTSC/PAL resolution) and HDSDI Input and per SMPTE 292M (HDTV)</p> <p>2 x DVI-I Inputs per DDWG 1.0 · HDCP support</p> <p>1 x Analog Input on HD-15 VGA connector · Supports both YUV and RGBHV · 10-bits/color sampling (1:1 sampling up to 1600x1200@60 Hz)</p> <p>1x Analog Input on BNC Connectors (5) · Supports both YUV and RGBHV · 10-bits/color sampling (1:1 sampling up to 1600x1200@60 Hz)</p> <p>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)</p>
Outputs	<p>DVI Dual channel ("Twin-Link DVI") output on 2 DVI-I connectors</p> <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 <p>Frame Rates: 50 Hz, 59.94 Hz</p>
User Control	<p>Front Panel Display</p> <ul style="list-style-type: none">· 128x32 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 <p>Remote Control</p> <ul style="list-style-type: none">· Fully controllable over IP
Mechanical	<p>Width: 19" Rack Height: 2RU Input connectors are located on front panel Output connectors are located on rear panel RJ45 connector is located on rear panel Handles (also provide mechanical protection of the inputs)</p>
Power	<p>100-240 VAC – 50/60 Hz, Autoselecting 1.0A max</p>