

# DCS-200

<P>Dual-channel true seamless switcher with output preview</P><br>



The DCS-200 is a dual-channel switcher designed to provide true seamless switching between different input sources and formats, while maintaining superb scaling quality at an affordable price. It has been designed for straightforward and simple operations, which makes it the ideal seamless switcher for live events, boardrooms, hotel ballrooms, houses of worship, lecture halls, training facilities and more.

## Processing

- True seamless switching
- High quality scaling technology
- 10-bit sampling and internal processing/scaling
- Auto-acquire and auto-positioning
- Up to three (3) LOGO stores/recall capability
- Luma keying/utilizing DVI
- Low video delay

## Inputs

- All resolutions from NTSC/PAL up to UXGA. Including all HD resolutions
- DVI, analog computer and video, HD/SD SDI

## Outputs

- All progressive resolutions from 480p up to UXGA, including all HD

- All progressive resolutions from 480p up to UXGA, including all HD progressive resolutions
- Full screen
- Supports HDCP compatible projectors
- Built-in test pattern simplifies projector alignment

### Preview output

- Progressive resolutions from 480p up to UXGA, including all HD progressive resolutions
- DVI and HD-15 connectors available (both active)

### Mechanical

- Auto ranging power supply
- Width: 19" rack
- Height: 2RU
- Operating temperature range: 0° to 40°C (32° to 104°F)

## PRODUCT SPECIFICATIONS

## DCS-200

### Front panel control

#### Effects section

- FRZ: Instantly freezes the current image that is on program.
- BLK: Cuts the program to black
- KEY: The key source will transition to/from program, after the TAKE button is pressed
- TAKE: Transitions the selected source or KEY at the pre-selected rate.

#### Display section

- Four (4) line, 128x32 VFD Display
- Menu navigation via rotary encoder knob, Select/Escape buttons

#### Inputs section

Ten buttons select the corresponding input source, or the stored LOGO image, to be placed on program after the TAKE button is pressed. There are three button states:

- Off: The source is not currently on program
- Blinking: The source has been selected and will be placed on program after the TAKE button is pressed
- Yellow: The source is on program.

### Inputs

#### Serial digital input (HD/SD SDI) via BNC connector

- SD SDI per SMPTE 259M-C (NTSC/PAL resolution)
- HD SDI per SMPTE 292M (HDTV)

#### Six analog inputs via HD-15 VGA connectors

- Supports YPbPr, RGBHV, S-video and composite
- 10-bits/color sampling at maximum 170 MHz
- True pixel mapping (1:1) for signal resolutions up to 1600x1200@60 Hz. Sources with higher pixel rates (1920x1080p@60, 1920x1200@60 and 2048x1080p@60) are also supported.

#### Two digital or analog inputs via DVI-I connectors

- 8-bit digital input per DDWG 1.0 with HDCP support.
- RGBHV data via analog pins of the DVI-I connector
- The digital source will be processed if valid DVI signals are detected. The Analog source can be selected via the front panel menu.

### Outputs

#### Preview output

- Provided in digital format on the DVI-I preview connector and in analog format on the HD-15 preview connector
- Progressive resolutions from 480p up to UXGA, including all HD progressive resolutions

#### Program output

- Provided in digital format on the DVI-I program connector and in analog format on the HD-15 Program connector.
- Progressive resolutions at RGBHV
- HDCP encryption support for DVI signals

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Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.