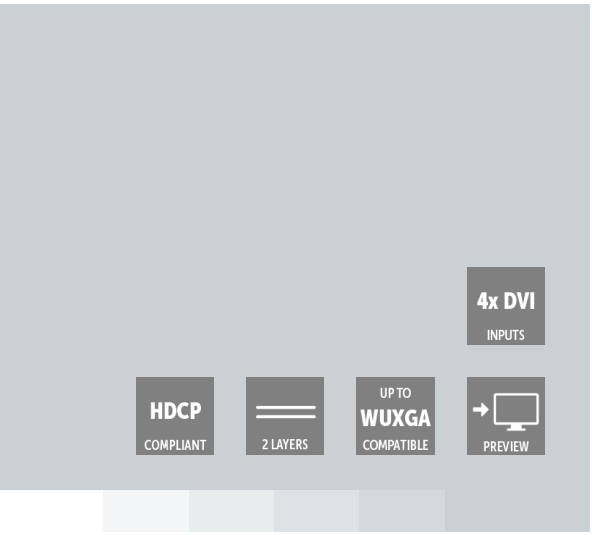
PDS-902 3G

Cost-effective, high-quality screen switching for live events





- **Simple setup and operation**
- **Excellent price/performance ratio**
- **Simultaneous program output via DVI and analog connectors**

The PDS series is designed to meet today's requirements for a high-quality, easy-to-use and fast seamless switcher with more digital inputs at an affordable price. Thanks to its straightforward setup and operation the PDS is a perfect fit for live events, boardrooms, hotel ballrooms, houses of worship, education and training facilities and fixed installations.

EDID 1.3 specification supported

The PDS-902 3G model features four DVI-I inputs with full HDCP 1.0 support, one 3G/HD/SD SDI and four universal analog inputs. All analog and DVI inputs support the EDID 1.3 specification. Users can capture and store up to three images that can be used as a LOGO source during the presentation. Built-in test patterns are also provided.

Preview output

The PDS-902 3G offers simultaneous program output via the DVI and analog connectors. It also include an SDI output supporting SD/HD/3G rates and BarcoLink for easy connection to your Barco projectors. In addition, the switcher offers a preview output that can be set at different resolution than the program output. Users have the option of displaying one of three signals on the preview output: program, preview or test pattern.

The PDS series won a Commercial Integrator BEST Award at InfoComm 2013.

Processing

- Fast source acquisition
- Fast and seamless switching
- Auxiliary control from Encore and ScreenPRO-II controllers

- Up to three LOGO stores/recall capability
- Low video delay
- Software download via USB

Inputs

- All resolutions from NTSC/PAL up to WUXGA including all HD resolutions
- EDID support for analog and DVI sources
- DVI, analog, SDI 3G/HD/SD and BarcoLink
- HDCP 1.0 support for all DVI sources

Preview and program outputs

- All progressive resolutions from 480p up to WUXGA/HD
- DVI, analog, SDI 3G/HD/SD and BarcoLink
- Full screen outputs and PIPs
- Dual PIP mode
- 9x2 Matrix mode
- Zoom and Stretch fit modes
- Supports HDCP compliant displays
- Built-in test patterns
- Independent resolutions for program and preview outputs

Mechanical

- Auto ranging power supply
- Slim 1 RU height
- Width: 19” rack

PRODUCT SPECIFICATIONS	PDS-902 3G
Live effects canvas	2x HD outputs
Video inputs	9 fixed inputs ■ 4 x Analog Via HD-15 (VGA connector) ■ 4 x DVI-I input (supports both analog and DVI) ■ 1 x 3G SDI input
Video outputs	■ 2x DVI (Preview and Program), ■ 2x HD-15 (VGA) (Preview and Program), ■ 1x 3G SDI (Program only)
Genlock	N/A
Program output	1 Program output via HD-15, DVI or 3G-SDI 1 Preview/Matrix output
Scaled Aux outputs	N/A
Mixers	1 mixer or 2 pips
Still stores	3
Layer effects	■ Full screen Mixing transitions with preview ■ PIP mode, Matrix output mode
Multiviewer	Single Preview output showing next source. Preview output becomes program output in Matrix mode.
Expandability	N/A
HDCP	HDCP compliant
Control	Ethernet RJ-45, 10/100 Mbps autosense computer, tablet, smartphone via web browser Control functions include: source input configuration, output format selection, test pattern selection, transition effect selection and control
Serviceability	Field-replacable DVI connectors
Dimensions	■ Height: 4.4 cm (1.75 in) - 1 RU rackmount ■ Width: 48.26 cm (19 in) ■ Depth: 36.2 cm (14.25 in)
Weight	5.67 kg / 12.5 lbs
Power	Input power: 100-240 VAC 50/60Hz 2a max
Environmental temperature	0-40° C / 32-104 F
Environmental humidity	0-95% non-condensing
Warranty	3 years parts and labor

Last updated: 29 Sep 2020

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.