

PDS series

Easy-to-use digital switchers



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. The PDS is offered in four models: PDS-701 3G, PDS-901 3G, PDS-902 and PDS-902 3G. 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.

Four models

The PDS-901 3G, PDS-902 and PDS-902 3G models feature four DVI-I inputs with full HDCP 1.0 support, whereas the PDS-701 3G features two DVI-I inputs. All models include 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.

BARCO

Visibly yours

PDS series

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Program output

All models offer simultaneous program output via the DVI and analog connectors. The PDS-902 3G and PDS-901 3G models also include an SDI output supporting SD/HD/3G rates and BarcoLink for easy connection to your Barco projectors. In addition, the PDS-902 and PDS-902 3G offer 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

Technical specifications

PDS series

Video inputs	
DVI-I	<ul style="list-style-type: none">■ Digital formats: all single-link DVI digital formats up to 165 Mhz, per DVI 1.0 specification■ Analog formats: NTSC/PAL composite and Y/C video, SD YPbPr with bi-level sync, HD YPbPr with tri-level sync, RGBHV/RGBS/RGSB computer video with bi-level sync■ Analog 1:1 sampling up to 1920x1080@60 Hz. Sources with native pixel rates greater than 150 MHz will be filtered and sampled at 150 Mhz. These include but not limited to 1920x1080p@60 (173.0 MHz), 1920x1200@60 (193.25 MHz) and 2048x1080p@60 (183.75 MHz)■ EDID version 1.3 compatible - HDCP version 1.0 compatible
HD-15 VGA	<ul style="list-style-type: none">■ Format: NTSC/PAL composite with Y/C video SD YPbPr with bi-level sync HD YPbPr with tri-level sync per SMPTE 274, RGBHV/RGBS/RGSB computer video with bi-level sync■ Analog 1:1 sampling up to 1920x1080@60 Hz. Sources with native pixel rates greater than 150 MHz will be filtered and sampled at 150 Mhz. These include but not limited to 1920x1080p@60 (173.0 MHz), 1920x1200@60 (193.25 MHz) and 2048x1080p@60 (183.75 MHz)■ EDID version 1.3 compatible
SD-HD-3G SDI on BNC	Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution); HD-SDI per SMPTE 292M, 296M; 3G-SDI per SMTE 424M; BarcoLink
Video outputs	
DVI-I	<ul style="list-style-type: none">■ Formats: all single-link DVI digital formats up to 165 Mhz, per DVI 1.0 spec■ EDID version 1.3 compatible - HDCP version 1.0 compatible
HD-15 VGA	<ul style="list-style-type: none">■ Formats: HD YPbPr with tri-level sync per SMPTE 274, RGBHV/RGBS/RGSB computer video with bi-level sync■ EDID version 1.3 compatible
SD-HD-3G SDI on BNC	Formats: SD-SDI per SMPTE 259M-C (NTSC/PAL resolution); HD-SDI per SMPTE 292M, 296M; 3G-SDI per SMPTE 424M; BarcoLink
Other	
Control	<ul style="list-style-type: none">■ Ethernet RJ-45, 10/100 Mbps autosense■ computer, tablet, smartphone, or Encore or ScreenPRO-II controller via Ethernet link
Height	1.75 inches (4.4 cm) - 1 RU rackmount
Width	17 inches (43.2 cm) without chassis handles, 19.06 inches (48.4 cm) with chassis handles attached
Depth	14.25 inches (36.2 cm) from front to rear panel
Weight	12.5 lbs - 5.67 kg
Input power	100-240 VAC, 47-63 Hz, auto-selecting 2.0 A maximum
Environmental	Humidity: 0-95% non-condensing
Temperature	0-40°C
Warranty	Full three-year parts and labor warranty
Available models	

Technical specifications

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Three digital switchers

	VGA-inputs	DVI-I inputs	3G SDI inputs	Program output	Preview output
PDS-701	4	2	1	1	-
PDS-901	4	4	1	1	-
PDS-902	4	4	1	1	1