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 three models: PDS-701 3G, PDS-901 3G 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.

**Three models**

The PDS-901 3G 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.

**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 3G 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.
### Product specifications

#### Video inputs

**DVI-I**
- 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**
- 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**
- Formats: all single-link DVI digital formats up to 165 Mhz, per DVI 1.0 specification
- EDID version 1.3 compatible - HDCP version 1.0 compatible

**HD-15 VGA**
- 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 SMTE 424M; BarcoLink

#### Other

**Control**
- 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

**Three digital switchers**

<table>
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<tr>
<th>Model</th>
<th>VGA inputs</th>
<th>DVI-I inputs</th>
<th>3G SDI inputs</th>
<th>Program output</th>
<th>Preview output</th>
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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.