

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.

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

BARCO

Visibly yours

Product 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 compatbile | | | | | | |
| 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 | | | | | | | |
| 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 |
| | | | | | | | |