Product Spec Sheet from Rentex
Barco PDS-902 Digital Switcher

Mfr Part No. PDS-902

The PDS-902 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.

In addition to the program output, the PDS-902 offers a preview with the same or different resolution than the program output. Users have the option of displaying 1 of 3 signals on the preview output: program, preview or test pattern.

Features:

- Fast and seamless switching
- High-quality scaling technology
- Auxiliary control from Encore and ScreenPRO-II controllers
- 10-bit sampling and processing
- I/O: (4) VGA, (4) DVI, (1) 3G SDI, (1) Program Output, (1) Preview Output

Detailed Specifications

Video Inputs:

DVI-I
- Digital formats: all single-link DVI digital formats up to 165MHz, 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 150MHz will be filtered and sampled at 150 Mhz. These include but not limited to 1920x1080p@60 (173.0MHz), 1920x1200@60 (193.25MHz) and 2048x1080p@60 (183.75MHz)
- 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 150MHz will be filtered and sampled at 150MHz. These include but not limited to 1920x1080p@60 (173.0MHz), 1920x1200@60 (193.25MHz) and 2048x1080p@60 (183.75MHz)
- 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

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 compatbile

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

Controls
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

Depth 14.25 inches (5.6 cm) from front to rear panel

Weight 12.5 lbs - 5.67 kg