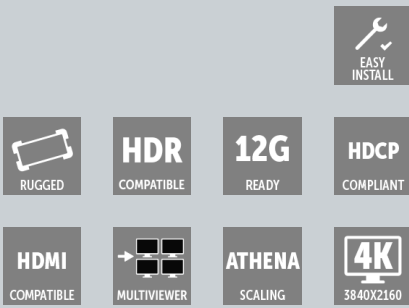


# PDS-4K SDI - Dante

Small venue presentation switcher with 4K capabilities



- premium 4K visuals
- simple setup and easy to operate
- compatibility for smooth integration

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. It is the perfect fit for mid-sized live events, breakout sessions, seminar rooms and boardrooms.

## 4K for you

The PDS-4K SDI enables single screen, dual screen switching and quad screen switching with high-quality 4K processing, and it can also support Dante® audio with the addition of an optional interface card. It includes six HDMI 2.0 and two 12G-SDI inputs and four fully seamless mixing program outputs at up to 4K resolution on HDMI 2.0 and 12G-SDI connectors. Benefit from the ultra-low latency processing (∅ 2 frames delay @60Hz), smooth video display and seamless transitions between inputs to maximize audience engagement. Additionally, you can increase interactivity by showing up to two live inputs simultaneously with the available PiP layers. And the Event Master Athena™ scaling technology guarantees superior signal clarity and minimum scaling artifacts.

## PDS: pretty darn simple

The PDS-4K SDI switcher guarantees unsurpassed performances and outstanding visual experience while also being exceptionally easy to operate. With just one simple press on the buttons of the intuitive front panel interface, you can switch easily between the input sources and preconfigured layouts. What's more, the PDS-4K SDI is compatible with all the familiar Barco visualization solutions and presentation devices (e.g. ClickShare) without compromising on video quality. The PDS-4K can be controlled with Event Master Toolset, but thanks to the API it can also be combined with other third-party control panels.

The PDS-4K SDI is built for applications requiring the highest availability and uptime. The switcher also proves to be a smart investment well into the future with option cards to ensure expandability and future-proof upgradability.

**PRODUCT SPECIFICATIONS****PDS-4K SDI**

|                           |  |
|---------------------------|--|
| Live effects canvas       | 2x outputs up to 4K60 or 4x outputs up to 4K30 each with a single mixing PiP or two non-mixing PiPs on a still background  |
| Video inputs              | 6x HDMI 2.0 connectors<br>2x 12G-SDI connectors  |
| Video outputs             | 4x HDMI 2.0 connectors<br>4x 12G-SDI connectors  |
| Program output            | Two UHD @60 PGM<br>or Four UHD @30 / FHD @60 PGM   |
| Mixers                    | 1 mixer per PGM output   |
| Keying/Mixing             | Luma and Chroma on non-mixing PiPs   |
| Still stores              | Eight stills, up to 4K each  |
| Multiviewer               | 1x UHD@60 output with user definable layouts consisting of inputs plus PVW and PGM for each screen   |
| Expandability             | Option card slot for other video connector types and/or Dante audio  |
| HDCP                      | HDCP 1.x and 2.2   |
| Control                   | <ul style="list-style-type: none"><li>■ front panel mappable buttons</li><li>■ Event Master screen management software for PC or MAC</li><li>■ Event Master controllers</li><li>■ WebUI</li><li>■ Ethernet RJ-45, 1000/100/10 Mbps autosense</li></ul> |
| Noise Level               | 37 dB in a room temperature environment (23°C/73°F)  |
| Warranty                  | 3 years parts and labor  |
| Dimensions (HxWxD)        | 6.62 cm (2.605 in) x 48.41 cm (19.06 in) x 40,9 cm (16.1 in)   |
| Weight                    | 6.21 kg (13.7 lbs)   |
| Environmental temperature | 0-40° C (32-104 F)   |
| Power                     | Input power: 100-240 VAC 50/60Hz 151W  |
| Environmental humidity    | 0-95% non-condensing (non-operating)<br>0-85% non-condensing (operational)   |
| Notes                     | Option Card slot to support additional video input connectors, embedded audio processing and Dante Audio   |

Last updated: 16 Jun 2022

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.

# PDS-4K Audio and DisplayPort 1.2 input card



- Adds Audio pass-through and Dante capability to the system
- Adds two more input connectors

Adds the ability for the PDS-4K to pass embedded audio from HDMI/DisplayPort/SDI input to Program outputs and embed/disembed to Dante network audio.

Adds two DisplayPort 1.2 input connectors.

PDS-4K includes license from Audinate Pty Ltd under US Patents 7747725, 8005939, 7978696, 8171152, European Patent 2255541, Chinese Patent ZL200780026677.0 and other patents pending or issued, see [www.audinate.com/patents](http://www.audinate.com/patents)

**PRODUCT SPECIFICATIONS****PDS-4K AUDIO AND DISPLAYPORT 1.2 INPUT CARD**

|                          |   |
|--------------------------|---|
| Connectors               | 2x DisplayPort 1.2 Inputs<br>2x RJ-45 (Dante)   |
| Resolution               | 3840x2400p @60  |
| Color depth              | 10-bit  |
| Color sampling           | 4:4:4   |
| HDCP                     | 1.x   |
| Signal capacity          | 660 MHz   |
| Audio channels           | 2 per input or output   |
| Audio Sample Rate        | 48 Khz  |
| Audio bit depth          | 16bit or 24 bit   |
| Audio format             | PCM   |
| AES 67 support           | Yes   |
| Number of Dante channels | 64 inputs x 64 outputs (2 channels per input or output)   |
| Features                 | Outputs selectable between specific input, Dante Audio, or Audio follows video<br>PGM audio return to Dante<br>All inputs transmit to Dante |

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