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Spec Sheet

**4 Port DisplayPort Video Switch with Audio & IR Remote Control**

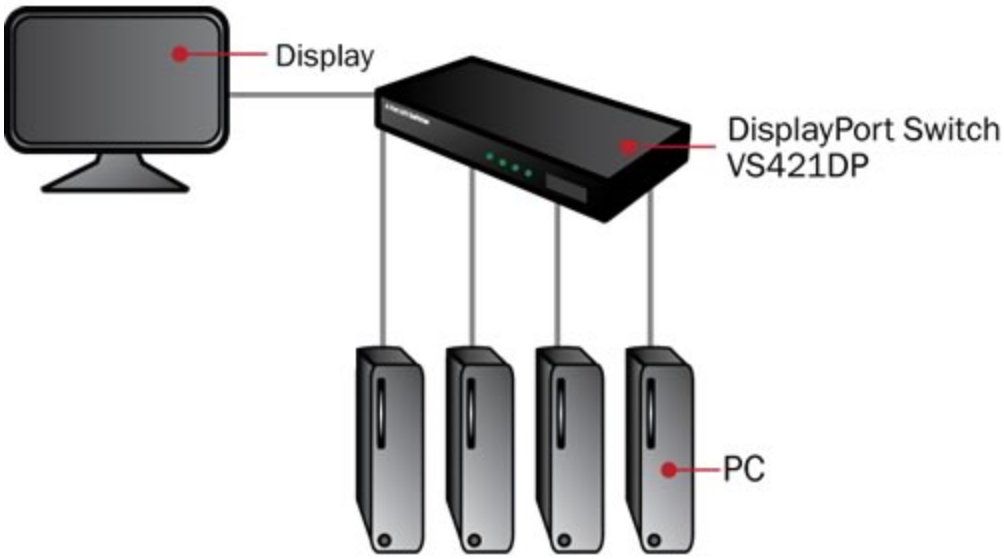
*StarTech ID: VS421DP*



The VS421DP 4-port DisplayPort Switch offers superb multi-source control for demanding high-resolution display applications that require true high definition capability.

Supporting a native display resolution of 2560x1600 and 7.1 channels of audio (when connected to supporting displays and sources), this simple, yet comprehensive DisplayPort A/V Switch features both push-button and infrared remote control and offers a compact form factor design.

**Application Diagram**




Backed by our 2-year warranty and free lifetime technical support, the VS421DP delivers a reliable solution for switching between multiple DisplayPort audio/video sources.

**Applications**

- High resolution medical imaging and Health care display, such as MRI and Xray display.
- High resolution digital signage requiring multiple sources with one display.
- Multimedia design, multimedia post-production and video editing.
- High resolution digital images in education in the classroom, lecture halls, and conference rooms with multiple sources to one DisplayPort monitor.

**Features**

- Supports resolutions up to 2560 x 1600 @ 60Hz, beyond 1080p
- 7.1 Channel High Definition Audio pass-through (with displays and sources that support DisplayPort audio)
- Supports DisplayPort ++ for use with VGA, DVI, or HDMI displays (please see accessories)
- Supports native DisplayPort computer connections - no adapter required
- DisplayPort 1.1 Compliant
- Supports DDC2B monitor detection

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**Technical Specifications**

| | |
|---|---|
| Warranty | 2 Years |
| Audio | Yes |
| Industry Standards | DDC, EDID, DisplayPort 1.1 |
| Ports | 4 |
| Maximum Cable Length | 32.8 ft [10 m] |
| Maximum Digital Resolutions | 2560x1600 @ 60Hz |
| Wide Screen Supported | Yes |
| Connector A | 4 - DisplayPort (20 pin) Female |
| Connector B | 1 - DisplayPort (20 pin) Female |
| **Note** | Source (PC) and display must both support audio pass through for audio functionality |
| LED Indicators | 4 - Green - Online and Display indicator (One LED per port) |
| Center Tip Polarity | Positive |
| Input Voltage | 110 ~ 240 AC |
| Output Current | 2A |
| Output Voltage | 5 DC |
| Plug Type | M |
| Power Source | AC Adapter Included |
| Humidity | 0~80% RH |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Color | Black |
| Enclosure Type | Aluminum |
| Product Height | 1 in [26 mm] |
| Product Length | 5.2 in [131 mm] |
| Product Weight | 17.6 oz [500 g] |
| Product Width | 2.6 in [65 mm] |
| Shipping (Package) Weight | 1.3 lb [0.6 kg] |
| Included in Package | 1 - 4 Port DisplayPort Switch |
| Included in Package | 1 - IR Remote Control |
| Included in Package | 1 - Universal Power Adapter (NA/UK/EU/AUS) |
| Included in Package | 1 - Manual |

**Certifications, Reports and Compatibility**

RoHS Compliant Available