



The FDX-S16 is an HDCP-compliant modular digital matrix switcher that supports resolutions up to 4K@30. It provides up to 16 inputs and 16 outputs.

Video and embedded audio can be switched simultaneously.

The FDX-S16 features RS-232C/LAN ports for remote control, redundant power supply, and system check that outputs an alarm in case an abnormality is detected in power supply voltage, fans, internal temperature, or board.

The redundant power supply ensures constant availability and minimizes the chance of a failure even for mission-critical environments.

■ Specification

| Item | Description | |
|----------------------|--|--|
| Input board | Up to 4 boards (Up to 16 inputs) | |
| Output board | Up to 4 boards (Up to 16 outputs) | |
| Transmission signal | Video | Up to 4K@30 |
| | Audio | Multi-channel LPCM up to 8 channels |
| | Control | Up to 38.4 kbps of RS-232C, Up to 100Base-TX of LAN |
| Instant Alert output | 1 port/captive screw (2-pin) Non-voltage contact input up to DC 24 V 300 mA Monitoring power supply voltage, fans, internal temperature, and board status | |
| Control | RS-232C | 1 port/captive screw (3-pin), full duplex, up to 38.4 kbps |
| | LAN | 1 port/RJ-45 10Base-T/100Base-TX (Auto Negotiation), Auto MDI/MDI-X |
| Functions | I/O board, CPU board, fan unit, and power unit can be replaced without removing from rack, Preset memory (32 settings), Last memory, Button security lockout, System check, WEB browser control, Status notification, HDBaseT status display | |
| General | Power | 100 - 240 VAC ± 10%, 50 Hz/60 Hz ± 3 Hz |
| | Power consumption | About 20 Watts |
| | Dimensions | 16.9 × 5.2 × 15.7" (430 (W) × 132 (H) × 400 (D) mm) (3U high) (Excluding connectors and the like) |
| | Weight | 26.9 lbs. (12.2 kg) (With redundant power supply: 28.9 lbs. (13.1 kg)) |
| | Temperature | Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| Humidity | Operating/Storage: 20% to 90% (Non Condensing) | |

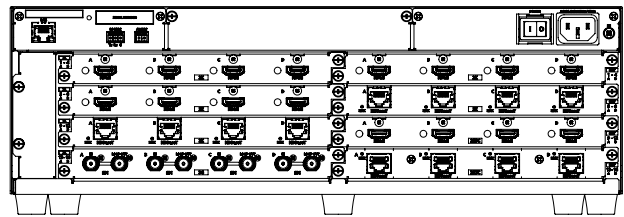
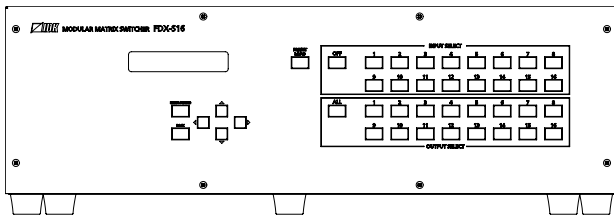
■ I/O boards

| Item | Parts Number | Description |
|--------------|--------------|---|
| Input board | FDX-SIV4H | 4 inputs 4K@30 HDCP 1.4 HDMI/DVI |
| | FDX-SIV4T | 4 inputs 4K@30 HDCP 1.4 HDBaseT |
| | FDX-SIV4S | 4 inputs 3G-SDI/HD-SDI/SD-SDI |
| Output board | FDX-SOV4H | 4 outputs 4K@30 HDCP 1.4 HDMI/DVI |
| | FDX-SOV4T | 4 outputs 4K@30 HDCP 1.4 HDBaseT |
| | FDX-SOV4HS | 4 outputs 1080p HDCP 1.4 HDMI/DVI scan conversion |
| | FDX-SOV4TS | 4 outputs 1080p HDCP 1.4 HDBaseT scan conversion |

■ Redundant power supply unit

| Item | Parts Number | Description |
|-----------------------------|--------------|--|
| Redundant power supply unit | FDX-SRP16 | Redundant power unit with two independent power connectors |

■ Front & Rear Panels



This drawing (rear) is an example.

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**[Feature]****■ Video**

- Up to 4K@30
- HDCP 1.4
- 3G-SDI/HD-SDI/SD-SDI input (FDX-SIV4S)
- Automatic signal equalization
 - Output: Up to 131 ft. (40 m) (FDX-SOV4HS)
- Up to 984 ft. (300 m) over coaxial cable (FDX-SIV4S)
- Motion adaptive interlaced/progressive conversion (FDX-SOV4HS, FDX-SOV4TS)
- Aspect ratio control (FDX-SOV4HS, FDX-SOV4TS)
- Seamless switching with one black frame (FDX-SOV4HS, FDX-SOV4TS)
- Anti-snow
- Scaling (FDX-SOV4HS, FDX-SOV4TS)
- SDI Loop-through output connector (FDX-SIV4S)
- Videowall output (FDX-SOV4HS, FDX-SOV4TS)
- Up to 492 ft. (150 m) over Cat6 cable in Long reach mode* (FDX-SIV4T, FDX-SOV4T, FDX-SOV4TS)

■ Audio

- Lip Sync (FDX-SOV4HS, FDX-SOV4TS)

■ Control input

- RS-232C
- LAN

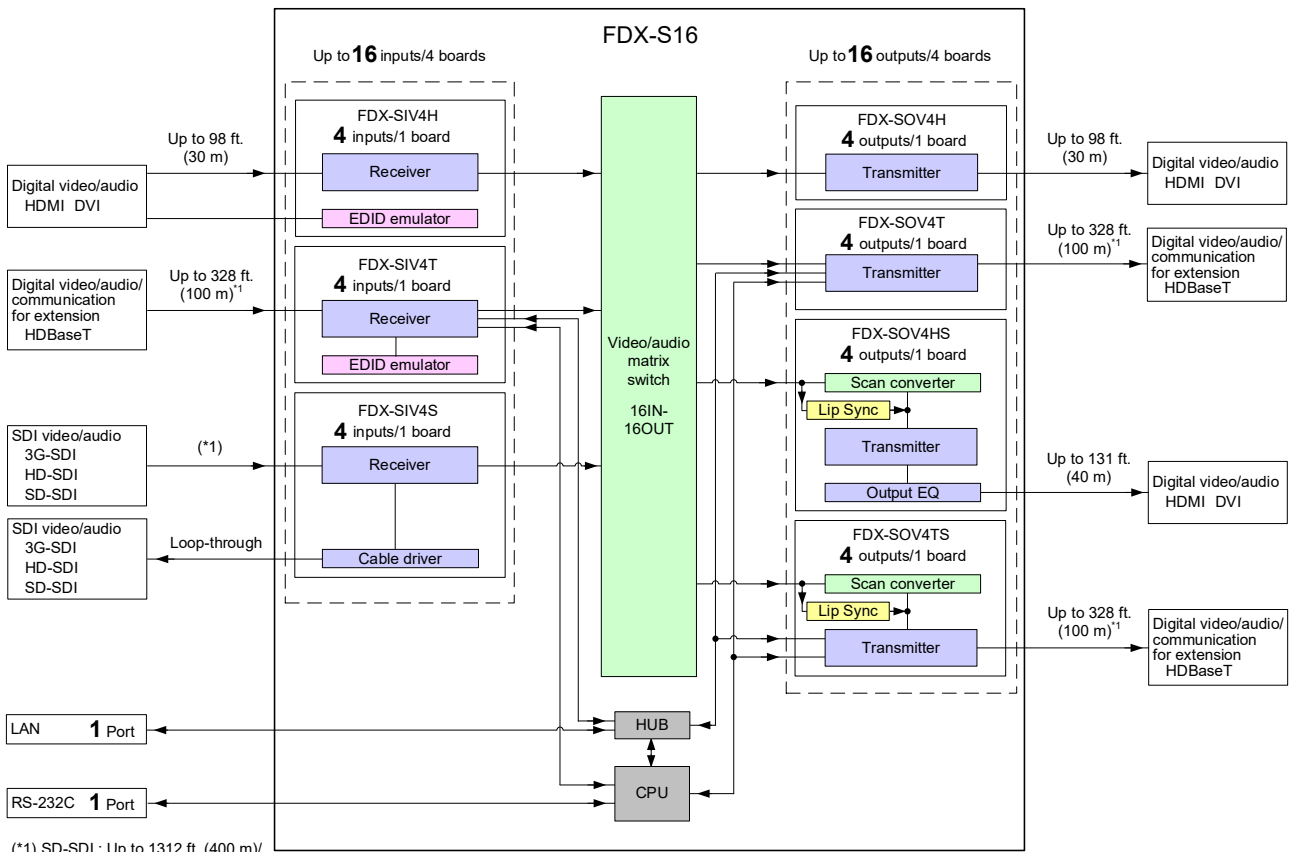
■ Others

- EDID emulation
- I/O board, CPU board, fan unit, and power unit can be replaced without removing from rack
- Alarm output (Monitoring power supply voltage, fans, internal temperature, and board status)
- Preset memory
- Last memory
- Connection Reset
- Button security lockout
- System check
- WEB browser control
- Redundant power supply (Optional)
- LAN and RS-232C transmission (FDX-SIV4T, FDX-SOV4T, FDX-SOV4TS)
- Status notification
- HDBaseT status display

* For long reach mode, video signals up to 1080p (24 bit) can be transmitted to 492 ft. (150 m) at maximum if using with IDK's HDBaseT products supporting 328 ft. (100 m) transmission.

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■ Diagram



(*1) SD-SDI : Up to 1312 ft. (400 m)/
 HD-SDI : Up to 787 ft. (240 m)/
 3G-SDI : Up to 459 ft. (140 m)
 over 1694A (BELDEN RG-6) cable

- Input board can expand in 4-input unit.
 - Output board can expand in 4-output unit.

¹ Up to 328 ft. (100 m) : 4K@30 (FDX-SIV4T/FDX-SOV4T)
 QWXGA, 1080p (FDX-SOV4TS)
 Up to 492 ft. (150 m) : 1080p (24bit) in Long reach mode
 For long reach mode, video signals up to 1080p (24 bit) can be transmitted to 492 ft. (150 m) at maximum
 if using with IDK's HDBaseT products supporting 328 ft. (100 m) transmission.

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FDX-S Input Board FDX-SIV4H

The FDX-SIV4H is a four-input HDMI board designed for FDX-S series Modular Matrix Switchers. The board supports HDMI and DVI at video resolutions up to 4K@30 and complies with HDCP 1.4.

■ Specification

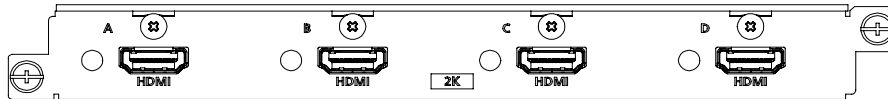
| Item | | Description |
|--------------------------------|-------------------|--|
| Input | | 4 inputs |
| Video | HDMI/DVI | HDMI/DVI 1.0 TMDS single link, HDCP 1.4 TMDS clock: 25 MHz to 300 MHz, TMDS data rate: 0.75 Gbps to 9 Gbps 36 bit Deep Color x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. EDID emulation |
| | Format | VGA to 4K (Dot clock: 25 MHz to 300 MHz) For WUXGA/QWXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K For 4K format, 24 Hz/25 Hz/30 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. input level: 0 dBFS |
| Connector | | Female HDMI Type A (19-pin) |
| Maximum transmission distances | | 98 ft. (30 m) (1080p@60), 66 ft. (20 m) (4K@30) (*1) |
| General | Power consumption | About 11 Watts |
| | Weight | 0.7 lbs. (0.3 kg) |
| | Temperature | Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

*1 The maximum cable distance varies depending on the connected devices and was measured under following conditions:

- 1080p@60 : When IDK's 24 AWG cable was used and signals of 1080p@60 24 bit/pixel (8 bit/component) was input.
- 4K@30 : When IDK's 24 AWG cable was used and signals of 4K@30 24 bit/pixel (8 bit/component) was input.

The maximum cable distance depends on the connected devices. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above.

■ Panel



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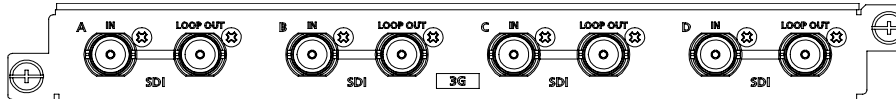
FDX-S Input Board FDX-SIV4S

The FDX-SIV4S is a four-input SDI board with loop-through designed for FDX-S series Modular Matrix Switchers. The board supports 3G-SDI, HD-SDI, and SD-SDI and receives video signals from source devices up to 984 ft. (300 m) over coaxial cables.

■ Specification

| Item | | Description |
|--------------------------------|-------------------|---|
| Input | | 4 inputs (With loop-through output) Note: When the FDX-S is powered on, SDI input signals are output from SDI loop-through output connectors. |
| Video | SDI | 3G-SDI/HD-SDI/SD-SDI NRZI/NRZ, 0.8 V _[p-p] /75 Ω SMPTE 424M (3G-SDI)/SMPTE 292M (HD-SDI)/SMPTE 259M-C (SD-SDI) |
| | Format | 480i / 576i / 720p / 1080i / 1080p 3G-SDI signals: Level A and Level B 720p: 23.98 Hz and 24 Hz are not supported. |
| Audio | Digital | LPCM up to 8 channels (Selecting 2 groups of audio groups 1 to 4) Sampling frequency: 48 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. input level: 0 dBFS |
| Connector | | BNC |
| Cable | | 75 Ω coaxial cable for high frequency signal |
| Maximum transmission distances | | With 1505A (BELDEN RG-59), SD-SDI: 1083 ft. (330 m)/HD-SDI: 656 ft. (200 m)/3G-SDI: 394 ft. (120 m) With 1694A (BELDEN RG-6), SD-SDI: 1312 ft. (400 m)/HD-SDI: 787 ft. (240 m)/3G-SDI: 459 ft. (140 m) *The maximum distances may be shorten depending on the quality of cable. Please make sure that the cable is long enough. |
| Function | | 3G-SDI/HD-SDI/SD-SDI input |
| General | Power consumption | About 30 Watts |
| | Weight | 0.9 lbs. (0.4 kg) |
| | Temperature | Operating: 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

■ Panel



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FDX-S Input Board FDX-SIV4T

The FDX-SIV4T is a four-input HDBaseT board designed for FDX-S series Modular Matrix Switchers. The board supports video resolutions up to 4K@30 and complies with HDCP 1.4. Input video signals can be transmitted up to 328 ft. (100 m); 1080p (24 bit) video signals can be sent up to 492 ft. (150 m) in Long reach mode. RS-232C bidirectional communication and LAN transmission are also supported.

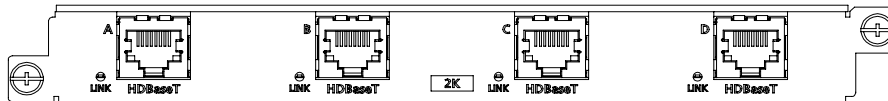
■ Specification

| Item | | Description |
|--------------------------------|-------------------|--|
| Input | | 4 inputs |
| Video | HDBaseT | HDBaseT HDCP 1.4 36 bit Deep Color For WUXGA, QWXGA, and 4K@24/25/30 (4:4:4), Deep Color is not supported. x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. EDID emulation, RS-232C, LAN |
| | Format | VGA to 4K (Dot clock: 25 MHz to 300 MHz) For WUXGA/QWXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K For 4K format, 24 Hz/25 Hz/30 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. input level: 0 dBFS |
| Connector | | RJ-45 (*1) |
| Cable | | CAT.5E HDC, Cat5e UTP/STP, Cat6 UTP/STP (T568A/T568B straight-through) |
| Maximum transmission distances | | 328 ft. (100 m), 492 ft. (150 m) (Long reach mode is used) (*2) |
| General | Power consumption | About 30 Watts |
| | Weight | 1.1 lbs. (0.5 kg) |
| | Temperature | Operating: 32°F to 104°F (0°C to +40°C) Storage: -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

*1 RJ-45 (HDBaseT connector) is only for extending digital video and audio signals over a Cat5e/Cat6 cable. Use it with IDK's HDBaseT Products. Do not use for LAN devices.

*2 The maximum transmission distance was obtained when IDK's CAT.5E HDC cable was used. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above. The maximum transmission distance is the shorter distance of connected HDBaseT product or sink device's maximum transmission distance. Up to 492 ft. (150 m): 1080p (24 bit) in Long reach mode. For Long reach mode, use IDK's HDBaseT Products that supports 328 ft. (100 m) or longer.

■ Panel



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FDX-S Output Board FDX-SOV4H

The FDX-SOV4H is a four-output HDMI board designed for FDX-S series Modular Matrix Switchers. The board supports HDMI and DVI at video resolutions up to 4K@30 and complies with HDCP 1.4.

■ Specification

| Item | | Description |
|--------------------------------|-------------------|--|
| Output | | 4 outputs |
| Video | HDMI/DVI | HDMI/DVI 1.0 TMDS single link, HDCP 1.4 TMDS clock: 25 MHz to 300 MHz, TMDS data rate: 0.75 Gbps to 9 Gbps 36 bit Deep Color x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. |
| | Format | VGA to 4K (Dot clock: 25 MHz to 300 MHz) For WUXGA/QWXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K For 4K format, 24 Hz/25 Hz/30 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. output level: 0 dBFS |
| Connector | | Female HDMI Type A (19-pin) |
| Maximum transmission distances | | 98 ft. (30 m) (1080p@60), 66 ft. (20 m) (4K@30) (*1) |
| Functions | | Anti-snow, Connection Reset (*2) |
| General | Power consumption | About 9 Watts |
| | Weight | 1.1 lbs. (0.5 kg) |
| | Temperature | Operating: 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

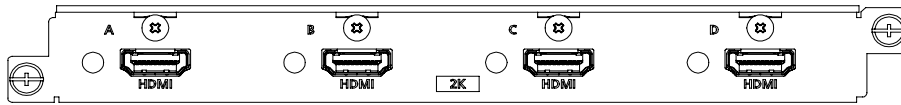
*1 The maximum cable distance varies depending on the connected devices and was measured under following conditions:

- 1080p@60: When IDK's 24 AWG cable was used and signals of 1080p@60 24 bit/pixel (8 bit/component) was output.
- 4K@30 : When IDK's 24 AWG cable was used and signals of 4K@30 24 bit/pixel (8 bit/component) was output.

The maximum cable distance depends on the connected devices. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above.

*2 For digital systems, some problems, such as an HDCP authentication error, can often be recovered by physically disconnecting and reconnecting the digital cables. However, the Connection Reset feature will fix these problems automatically without the need to physically plug and unplug the cables. It creates the same condition as if the cable were physically disconnected and reconnected. This feature only works for the FDX-S's output. If other devices are connected between the FDX-S's output and sink device, this feature may be invalid.

■ Panel



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FDX-S Output Board FDX-SOV4HS

The FDX-SOV4HS is an HDCP 1.4-compliant four-output HDMI/DVI board designed for FDX-S series Modular Matrix Switchers. The board includes a scan converter that supports resolutions up to QWXGA or 1080p and switches input video signals fast. Videowall can easily be configured using this board.

The Lip Sync feature provides the user with a means to control time alignment between the video and audio.

■ Specification

| Item | | Description |
|--------------------------------|-------------------|---|
| Output | | 4 outputs |
| Video | HDMI/DVI | HDMI/DVI 1.0 TMDS single link, HDCP 1.4 TMDS clock: 27 MHz to 202.5 MHz, TMDS data rate: 0.81 Gbps to 6.075 Gbps 30 bit Deep Color x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. Built-in cable EQ |
| | Format (*1) | VGA / XGA / WXGA (1280x768) / WXGA (1280x800) / Quad-VGA / SXGA / WXGA (1360x768) / WXGA (1366x768) / SXGA+ / WXGA+ / WXGA++ / UXGA / WSXGA+ / VESAHD / WUXGA / QWXGA For VESAHD/WUXGA/QWXGA, only Reduced Blanking is supported. 480p / 576p / 720p / 1080i / 1080p For 720p, 1080i, and 1080p, 50 Hz/59.94 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. output level: 0 dBFS |
| Connector | | Female HDMI Type A (19-pin) |
| Maximum transmission distances | | 131 ft. (40 m) (*2) |
| Functions | Scan Converter | Motion adaptive interlaced/progressive conversion, Aspect ratio control, Picture adjustment (brightness, contrast, image position, image size, etc.), Seamless Switching |
| | Others | Videowall output, Lip Sync (Max. 256 ms.), Anti-snow, Connection Reset (*3) |
| General | Power consumption | About 33 Watts |
| | Weight | 1.8 lbs. (0.8 kg) |
| | Temperature | Operating: 32°F to 104°F (0°C to +40°C) Storage: -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

*1 Input resolution: VGA to QWXGA and 480i/480p/576i/576p/720p/1080i/1080p are supported.

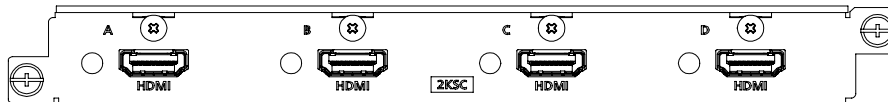
*2 The maximum cable distance varies depending on the connected devices and was measured under following conditions:

• 1080p@60: When IDK's 24 AWG cable was used and signals of 1080p@60 24 bit/pixel (8 bit/component) was input or output.

The maximum cable distance depends on the connected devices. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above.

*3 For digital systems, some problems, such as an HDCP authentication error, can often be recovered by physically disconnecting and reconnecting the digital cables. However, the Connection Reset feature will fix these problems automatically without the need to physically plug and unplug the cables. It creates the same condition as if the cable were physically disconnected and reconnected. This feature only works for the FDX-S's output. If other devices are connected between the FDX-S's output and sink device, this feature may be invalid.

■ Panel



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FDX-S Output Board FDX-SOV4T

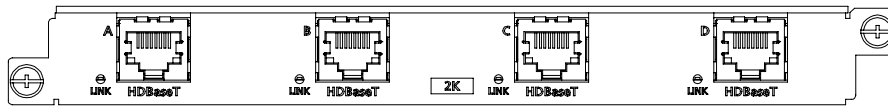
The FDX-SOV4T is a four-output HDBaseT board designed for FDX-S series Modular Matrix Switchers. The board supports video resolutions up to 4K@30 and complies with HDCP 1.4. Video signals can be transmitted up to 328 ft. (100 m); 1080p (24 bit) video signals can be sent up to 492 ft. (150 m) in Long reach mode. RS-232C bidirectional communication and LAN transmission are also supported.

■ Specification

| Item | | Description |
|--------------------------------|-------------------|--|
| Output | | 4 outputs |
| Video | HDBaseT | HDBaseT HDCP 1.4 36 bit Deep Color For WUXGA, QWXGA, and 4K@24/25/30 (4:4:4), Deep Color is not supported. x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. RS-232C, LAN |
| | Format | VGA to 4K (Dot clock: 25 MHz to 300 MHz) For WUXGA/QWXGA, only Reduced Blanking is supported. 480i / 480p / 576i / 576p / 720p / 1080i / 1080p / 4K For 4K format, 24 Hz / 25 Hz / 30 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. output level: 0 dBFS |
| Connector | | RJ-45 (*1) |
| Cable | | CAT.5E HDC, Cat5e UTP/STP, Cat6 UTP/STP (T568A/T568B straight-through) |
| Maximum transmission distances | | 328 ft. (100 m), 492 ft. (150 m) (Long reach mode is used) (*2) |
| Functions | | Anti-snow, Connection Reset (*3) |
| General | Power consumption | About 18 Watts |
| | Weight | 1.1 lbs. (0.5 kg) |
| | Temperature | Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

- *1 RJ-45 (HDBaseT connector) is only for extending digital video and audio signals over a Cat5e/Cat6 cable. Use it with IDK's HDBaseT Products. Do not use for LAN devices.
- *2 The maximum transmission distance was obtained when IDK's CAT.5E HDC cable was used. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above. The maximum transmission distance is the shorter distance of connected HDBaseT product or sink device's maximum transmission distance. Up to 492 ft. (150 m): 1080p (24 bit) in Long reach mode. For Long reach mode, use IDK's HDBaseT Products that supports 328 ft. (100 m) or longer.
- *3 For digital systems, some problems, such as an HDCP authentication error, can often be recovered by physically disconnecting and reconnecting the digital cables. However, the Connection Reset feature will fix these problems automatically without the need to physically plug and unplug the cables. It creates the same condition as if the cable were physically disconnected and reconnected. This feature only works for the FDX-S's output. If other devices are connected between the FDX-S's output and sink device, this feature may be invalid.

■ Panel



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FDX-S Output Board FDX-SOV4TS

The FDX-SOV4TS is an HDCP 1.4-compliant four-output HDBaseT board designed for FDX-S series Modular Matrix Switchers. The board includes a scan converter that supports resolutions up to QWXGA or 1080p and switches input video signals fast. Videowall can easily be configured using this board. Video signals can be transmitted up to 328 ft. (100 m); 1080p (24 bit) video signals can be sent up to 492 ft. (150 m) in Long reach mode. RS-232C bidirectional communication and LAN transmission are also supported.

■ Specification

| Item | | Description |
|--------------------------------|-------------------|---|
| Output | | 4 outputs |
| Video | HDBaseT | HDBaseT HDCP 1.4 30 bit Deep Color x.v.Color/3D/ARC/HEC/CEC/HDR are not supported. RS-232C, LAN |
| | Format (*1) | VGA / XGA / WXGA (1280x768) / WXGA (1280x800) / Quad-VGA / SXGA / WXGA (1360x768) / WXGA (1366x768) / SXGA+ / WXGA+ / WXGA++ / UXGA / WSXGA+ / VESAHD / WUXGA / QWXGA For VESAHD/WUXGA/QWXGA, only Reduced Blanking is supported. 480p / 576p / 720p / 1080i / 1080p For 720p, 1080i, and 1080p, 50 Hz/59.94 Hz are supported. |
| Audio | Digital | Multi-channel LPCM up to 8 channels Sampling frequency: 32 kHz to 192 kHz, Sample size: 16 bit to 24 bit Reference level: -20 dBFS, Max. output level: 0 dBFS |
| Connector | | RJ-45 (*2) |
| Cable | | CAT.5E HDC, Cat5e UTP/STP, Cat6 UTP/STP (T568A/T568B straight-through) |
| Maximum transmission distances | | 328 ft. (100 m), 492 ft. (150 m) (Long reach mode is used) (*3) |
| Functions | Scan Converter | Motion adaptive interlaced/progressive conversion, Aspect ratio control, Picture adjustment (brightness, contrast, image position, image size, etc.), Seamless Switching |
| | Others | Videowall output, Lip Sync (Max. 256 ms.), Anti-snow, Connection Reset (*4) |
| General | Power consumption | About 40 Watts |
| | Weight | 1.8 lbs.(0.8 kg) |
| | Temperature | Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| | Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

*1 Input resolution: VGA to QWXGA and 480i/480p/576i/576p/720p/1080i/1080p are supported.

*2 RJ-45 (HDBaseT connector) is only for extending digital video and audio signals over a Cat5e/Cat6 cable. Use it with IDK's HDBaseT Products. Do not use for LAN devices.

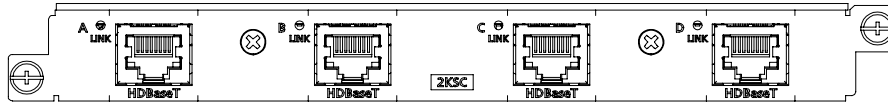
*3 The maximum transmission distance was obtained when IDK's CAT.5E HDC cable was used. The distance may not be extended with some device combinations, cabling method, or other manufacturer's cable. Video may be disturbed or may not be output even if signals are within the range mentioned above.

The maximum transmission distance is the shorter distance of connected HDBaseT product or sink device's maximum transmission distance.

Up to 492 ft. (150 m): 1080p (24 bit) in Long reach mode. For Long reach mode, use IDK's HDBaseT Products that supports 328 ft. (100 m) or longer.

*4 For digital systems, some problems, such as an HDCP authentication error, can often be recovered by physically disconnecting and reconnecting the digital cables. However, the Connection Reset feature will fix these problems automatically without the need to physically plug and unplug the cables. It creates the same condition as if the cable were physically disconnected and reconnected. This feature only works for the FDX-S's output. If other devices are connected between the FDX-S's output and sink device, this feature may be invalid.

■ Panel



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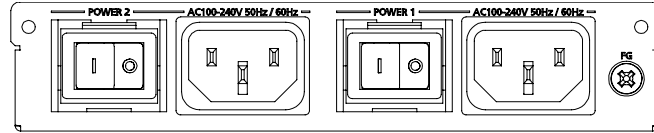


The FDX-SRP16 is a redundant power supply unit that includes two independent power connectors for FDX-S16 and FDX-S16U. In case one of power supplies fails, the other one supplies power, ensuring a proper and reliable operation.

■ Specification

| Item | Description |
|-------------|---|
| Power | 100 - 240 VAC \pm 10%, 50 Hz/60 Hz \pm 3 Hz, 2 power connectors |
| Weight | 6 lbs. (2.7 kg) |
| Temperature | Operating : 32°F to 104°F (0°C to +40°C) Storage : -4°F to +176°F (-20°C to +80°C) |
| Humidity | Operating/Storage: 20% to 90% (Non Condensing) |

■ Panel



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