

AUDIO VIDEO SYSTEM

SDI/ASI Digital Video Splitter

Lightem Systems LSDASVS series SDI/ASI digital video splitter is a distribution unit with one SDI / ASI digital stream, 4 or 8 SDI digital video or ASI digital stream outputs.



FEATURES

- SDI/ASI signal auto recognition, no need select by hand
- Compliant with the standards of SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M, DVB-ASI
- Auto adaption to the speed of SDI 143M, 177M, 270M, 360M, 540Mbps, 1483.5M, 1485M, 2970Mbps, or DVB-ASI
- 19-inch 1RU or mini box design, convenient to setup and operate

APPLICATIONS

- HD Video at TV Stations
- Telecommunication Operators
- Government Video Conference
- New Media Field

SPECIFICATIONS

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|-------------------------|---|
| SDI/ASI Input | |
| Signal Standard | SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M, DVB-ASI |
| No. of Input | 1 |
| Data Rate | Max 2970Mbps |
| Resolution | 10 bit |
| Signal Level | >380mVp-p |
| Auto-Cable Equalization | >100m@2970Mbps, Belden 1694A cable) |
| | >200m@1.485Gbps, Belden 1694A cable) |
| | >350m@270Mbps, Belden 1694A Cable) |
| Return Loss | >16dB@270MHz |
| | >16dB@1485MHz |
| | >10dB@2970MHz |
| Impedance | 75Ω |
| Connector | BNC |
| SDI/ASI Output | |
| Number of Output | 4 or 8 |
| Signal Level | 800mVp-p±10% |
| 3G-SDI Rise/Fall time | <135ps@2970Mbps |
| HD-SDI Rise/Fall time | <270ps@1485Mbps |
| SDI Rise/Fall time | <600ps@270Mbps |
| 3G SDI Jitter | <0.3UI |
| HD-SDI Jitter | <0.2UI(134ps)@100kHz |
| | <1.0UI(673ps)@10Hz |
| Impedance | 75Ω |
| Connector | BNC |

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|------------------------------|----------------------------|
| <i>Physical</i> | |
| <i>Dimension(HxWxD, mm)</i> | |
| <i>19-inch 1RU</i> | 44x433x340 |
| <i>Mini Box</i> | 44x126x160 |
| <i>Power Supply</i> | 130 - 260VAC,50-60Hz |
| <i>Power Consumption</i> | <10W |
| <i>Operating Temperature</i> | 0 to +70 Degree |
| <i>Humidity</i> | 0 to 95% RH Non-condensing |
| <i>LED Status Indicator</i> | Power, Video Activity |

ORDERING INFORMATION

| P/N | Description |
|------------|--|
| LSDASVS-XY | Lightem Systems LSDASVS Series SDI/ASI HD Video Splitter |
| X | 4- 4Ch 8- 8Ch |
| Y | 19RM - 19" Rackmount unit MB - Mini Box |