

3G/HD/SDI/ASI HD Video Splitter

LBSDIASID 3G/HD/SDI digital video splitter input one 3G-SDI, or one HD-SDI, or SDI digital video or one ASI digital stream, output 4 or 8 3G/HD/SDI digital video or ASI digital stream.

LBSDIASID 3G/HD/SDI digital video splitter has high supreme signal precision, high supreme stability, high supreme reliability, which is an ideal digital video splitter for the TV station, CMMB, IPTV, mobile TV, mobile phone TV, telecommunication operators, government video conference system and other new media field.



FEATURES

- 3G/HD/SDI/ASI signal auto recognition, need not 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, 540M, 1483.5M, 1485M, 2970Mbps, or DVB-ASI
- When signal input, with automatic cable equalization function, and when signal output, with driver function
- With re-clocking function when signal input and output
- Perfect LED indicators design, very convenient to monitor device work well or not
- PCB boards made with environment-friendly Pb-free
- PCB boards made with multilayer design, to ensure stable and reliable signal conversion
- All components, including connectors, are ordered from public-known manufacturers in the world, high stability and reliability insurance
- Enclosure box material is made of aluminum, elegant appearance, lightweight
- Switching power supply design, wide voltage range, reliable long-term running
- 19-inch 1RU or mini box design, convenient to set up and operate

SPECIFICATIONS

<i>3G/HD/SDI/ASI input</i>	
<i>Standard</i>	SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M, DVB-ASI
<i>Channel</i>	1
<i>Data rate</i>	Max up to 2970Mbps
<i>Resolution</i>	10Bit
<i>Signal level</i>	>380mVp-p
<i>Auto-cable equalization</i>	>100m@2970Mbps, (Belden 1694A cable)
	>200m@1.485Gbps, (Belden 1694A cable)
	>350m@270Mbps, (Belden 1694A cable)
<i>Return loss</i>	>16dB@270MHz
	>16dB@1485MHz
	>10dB@2970MHz
<i>Impedance</i>	75Ω
<i>Connector</i>	BNC
<i>3G/HD/SDI/ASI output</i>	
<i>Channel</i>	4 or 8
<i>Signal level</i>	800mVp-p±10%
<i>3G-SDI Rise/Fall time</i>	<135ps@2970Mbps
<i>HD-SDI Rise/Fall time</i>	<270ps@1485Mbps
<i>SDI Rise/Fall time</i>	<600ps@270Mbps
<i>3G-SDI Jitter</i>	<0.3UI

<i>HD-SDI Jitter</i>	<0.2UI(134ps)@100KHz
	<1.0UI(673ps)@10Hz
<i>SDI Jitter</i>	<0.2UI(740ps)@10Hz
	<0.2UI(740ps)@1KHz
<i>Impedance</i>	75Ω
<i>Connector</i>	BNC
<i>Physical</i>	
<i>Dimension(H×W×D)</i>	
<i>19-inch 1RU box</i>	44×433×340(mm)
<i>Mini box</i>	44×126×160(mm)
<i>Power Supply</i>	130-260VAC, 50/60Hz
<i>Operation temperature</i>	0 ~ 50°C
<i>Relative humidity</i>	0-95%, non-condensing
<i>LED status indicator</i>	Power

ORDERING INFORMATION

P/N	Description
LBSDIASID-x	3G/HD/SDI/ASI HD Video Splitter
X	x- 4Channel
	8Channel
	16Channel