

1T-FC-766 HDMI to 3G SDI Converter allows HDMI signals to be displayed on an SDI monitor. The high Bitrate processing ensures fast signal transmission without signal loss and also allows great flexibility in monitor selection since extremely high quality displays can be accomplished on a high resolution SDI monitor. And, even greater utility is provided since the 1T-FC-766 HDMI to 3G SDI Converter allows outputs to two SDI displays simultaneously.

The 1T-FC-766 supports 480i, 576i, 720p50/60, 1080p 24/25/30, 1080i50/60, 1080p50/60 HDMI signals and operates at full range processing speeds of 2.970Gbit/s, 2.970/1.001Gbit/s, 1.485Gbit/s, 1.485/1.001Gbit/s and 270Mbits/s.

Integrated audio embeds up to 8 channels PCM 48kHz for HDMI or 2 channels for DVI audio. Also provided are auto video mode detection (SD/HD/3G), compliancy with HDCP copy protection guidelines and support of signal transmission distances of up to 300M for SD signals, 200M for HD signals and 100M for 3G signals. Lastly, a locking +5VDC connector protects from undesired disconnects of the external power supply.

Specifications

Video Input	
HDMI	1x via HDMI Connector
Video Outputs	
3G-SDI	2x via BNC (SD, HD & 3G SDI)
Audio Inputs	
Stereo R+L	2x RCA Connectors
Video Processing	
Input Signal	Automatic Detection of Type
Output signal	Equalized SDI Output
SDI throughput Rates	2.970Gb/s and 2.970/1.001Gb/s
Frequency Bandwidth	225 MHz/Link (HDMI 1.3)
Audio Processing	
Integrated Audio	Up to 8-Channels, 48Khz
Embeddable Audio	2 Channels, Stereo, R&L
Video Formats	
SD, HD and 3G Formats	480i, 576i, 720p, 1080i, 1080p24, 3G SDI 1080p 50/60
SDI Cable Distance	
Max Distances	SD-SDI=300m, HD-SDI=200m, 3G SDI=100m (Belden 1694A)

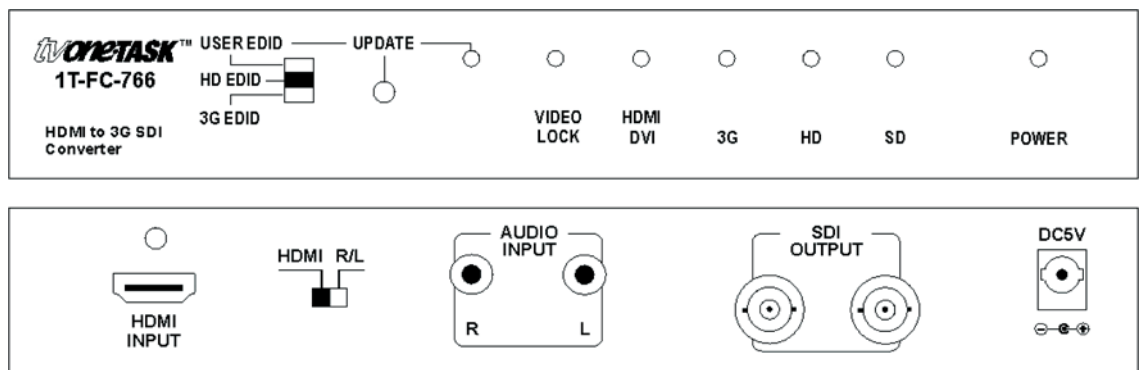


Key Features 1T-FC-766 HDMI to 3G SDI Converter

- Supports HDMI timing of 480i, 576i, 720p50/60, 1080p 24/25/30, 1080i 50/60, 1080p 50/60
- Operation at 2.970Gbit/s, 2.970/1.001Gbit/s, 1.485Gbit/s, 1.485/1.001Gbit/s and 270Mbits/s
- Simultaneous display of HDMI source on two SDI displays
- Integrated audio embedded up to 8 channels PCM 48kHz for HDMI or 2 channels for DVI audio
- Auto video mode detection (SD/HD/3G)
- Compliant with HDCP copy protection guidelines
- Supports signal transmission distances of up to 300M for SD, 200M for HD and 100M for 3G
- Locking +5VDC Connectors

Environmental	
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-20° to +60° C (-4° to +140° F)
Storage Humidity	20% to 90%, Non-condensing
Warranty	
Limited Warranty	3 Years Parts and Labor
Regulatory Approvals	
Main Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS
Mechanical	
Size (H-W-D)	30x200x103.5mm (1.18x7.87x4.07")
Weight (Net)	585g (1.29 lbs)
Power Requirement	
External Power Supply	5VDC@2A, Locking DC
Accessories Included	
1x Power Adapter	US, UK or Euro
1x User Manual	
Model Number	
1T-FC-766	HDMI to 3G SDI Converter

Panel Drawings



Distributor / Vertrieb: