Overview:
The 3G-SDI to HDMI Converter (500717) allows SDI equipment to be connected to an HDMI Display. The 3G-SDI to HDMI Converter converts the SDI signal back to HDMI, supporting resolutions of 480i (SD-SDI), 720p/1080i (HD-SDI) and 1080p (3G-SDI). The 3G-SDI to HDMI Converter provides a low jitter and re-clocked outputs allowing for unit daisy chain.

Applications:
- Video production & Broadcasting
- Studio-to-studio & Post production
- Outside broadcasting vehicle
- Mobile video & Live Events
- SDI camcorder
- Medical imaging display

Key Features:
- Auto 3G/HD/SD-SDI detection & conversion
- View SDI source video on a lower cost HDMI display
- Supports up to 1080p
- 3G-SDI up to 300ft (90m) via RG59 coax
- Low jitter & re-clocked output
- Supports daisy chain
- Wall mountable
- LED diagnostics

Specifications
| Environment | HDMI 1.3a, 3G-SDI, HD-SDI & SD-SDI |
| Devices | Camera, plasma, projectors, monitors, TV. |
| Transmission | Transparent to the user. |
| Detection | Auto Detection of the 3G/HD/SD-SDI Signal. |
| Bandwidth | 2.97Gbps & 2.975/1.001Gbps |
| Signals | HDMI 1.3a & SDI protocol. |
| Supported Resolution | 3G-SDI: 1080p50/59.94/60Hz (4:2:2)  
HD-SDI: 1080p/23.98/24/25/29.97/30Hz  
720p/59.94/60Hz  
1080i/50/59.94/60Hz  
SD-SDI: NTSC (59.94Hz), PAL (50Hz) |
| Audio | Up to 8 Audio Channels. |
| Input Signal | 3G-SDI: SMPTE-424M  
HD-SDI: SMPTE 292M, 296M  
SD-SDI: SMPTE 259M |
| Connectors | Two (2) BNC Female 75 Ohms, Gold Plated.  
One (1) HDMI Type A receptacle.  
Note: HDMI and RG59 coaxial cables not included. |
| Cable Equalization | 3G-SDI up to 300ft (90m)  
HD-SDI up to 500ft (150m)  
SD-SDI up to 1000ft (300m) |
| Cable | One (1) RG-59 or better cable required. |
| Power Supply | One (1) 110-240V/5VDC power supply with interchangeable blades. |
| Power Consumption | 3.0Watt (Max) |
| Temperature | Operating: 0° to 40°C  
Storage: -20° to 60°C  
Humidity: Up to 90% non-condensing |
| Enclosure | Metal |
| Dimensions | 3.1” x 3.3” x 1.2” (79mm x 84mm x 27mm) |
| Weight | 1.7lbs (0.78kg) |
| Compliance | Regulatory: FCC, CE, RoHS  
Flammability: 94V0 |
| Warranty | 2 years |
| Order Information | 500717  3G-SDI to HDMI Converter (UPC: 627699007174) |
Typical Application

3G-SDI to HDMI Converter
500717

Coax (RG59, RG6, RG11)

HDMI Monitor