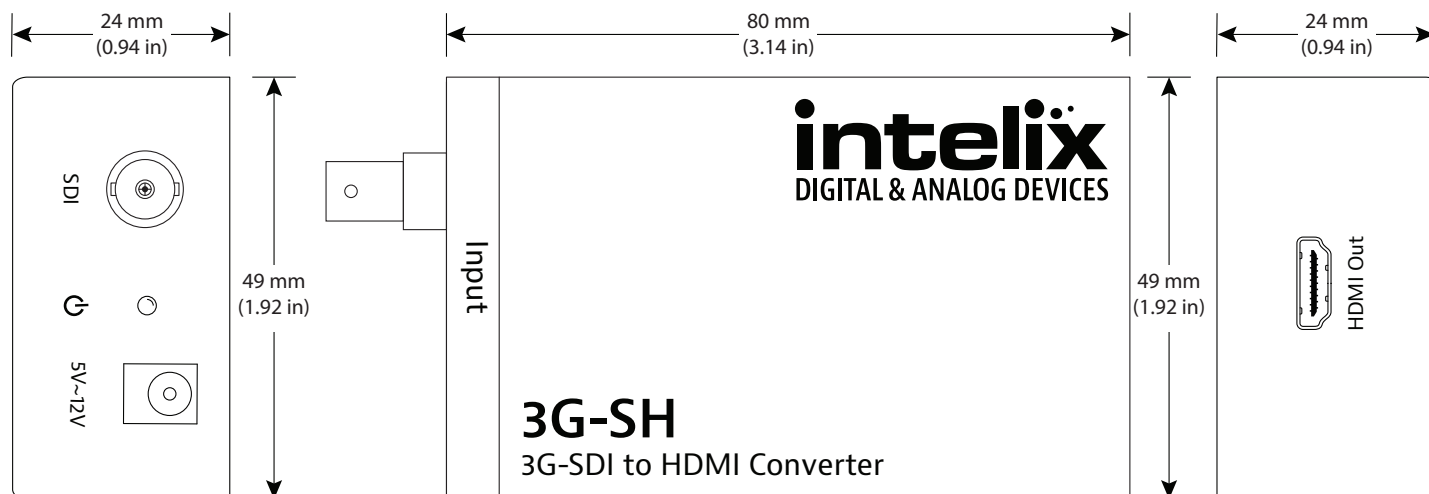


3G-SH Technical Specifications

3G-SDI to HDMI Converter

Rev 160505

The Intelix 3G-SH is a professional broadcast video product capable of converting 3G-SDI, HD-SDI, or SD-SDI to HDMI. This allows viewing of broadcast content on standard consumer and commercial HDMI video displays. The 3G-SH offers high bit rates of 2.970 Gbit/s for fast signal transmission without any loss.



Technical Specifications

Input/Output Connections	
SDI Input	One (1) Female BNC
HDMI Output	One (1) HDMI type A
5V~12V DC Power	One (1) Barrel
Video/Audio Performance	
SDI Resolutions	480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.97/24/25/29.97/30/50/59.94/60 Hz
SDI Transmission Rates	2.970 Gbit/s and 2.970/ 1.001 Gbit/s
SDI Compatibility	SD-SDI (SMPTE 259M-C), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 424M)
Maximum Input Distance (RG59)	SD-SDI: 240 m, HD-SDI: 110 m, 3G-SDI: 70 m
Supported Audio	Up to 8 channel PCM
HDMI Output Resolutions	Up to 1080p/60Hz
Chassis and Environmental	
Enclosure Material	Painted Metal
Enclosure Dimensions (H x W x D)	49 mm x 80 mm x 24 mm (1.92 in x 3.14 in x 0.94 in)
Shipping Weight	150g (0.33 lbs)
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	10% to 85%, Non-condensing
Power and Regulatory	
Power Supply Input	100V-240VAC / 50-60 Hz / 0.15A
Power Supply Output	5VDC / 1.0A
Power Consumption	5 watts (max)
ESD Protection	±8 kV
Product Regulatory	FCC, CE, RoHS
Power Supply Regulatory	UL, FCC
Other	
Warranty	2 years
Diagnostic Indicators	Power LED
Included Accessories	Installation Guide, Power Supply

Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches.