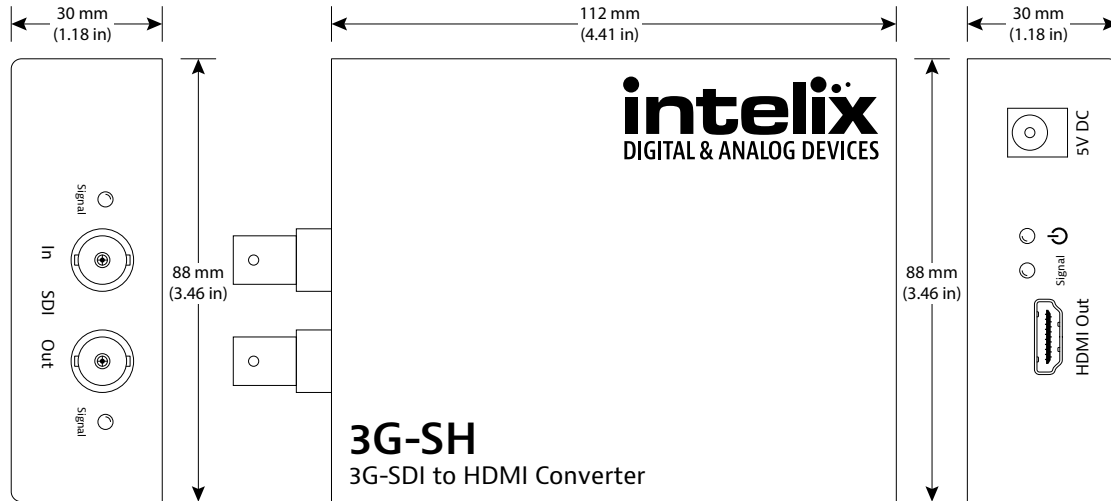


3G-SH Technical Specifications

3G-SDI to HDMI Converter

Rev 150402

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 has one looping SDI output channel, which supports RGB and YUV color spaces and the HDctv standard.



Input/Output Connections	
SDI Input	One (1) Female BNC
HDMI Output	One (1) HDMI type A
SDI Output	One (1) Female BNC
5V DC Power	One (1) Barrel (5.5 mm OD; 2.6 mm ID)
Video/Audio Performance	
SDI Resolutions	720x480i/p (4:3 and 16:9), 720x576i/p (4:3 and 16:9), 1280x720p: 50/60 Hz, 1920x1080i: 25/30 Hz, 1920x1080p: 50/60 Hz
SDI Compatibility	SD-SDI (SMPTE 259M), 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	720x480i/p (4:3 and 16:9), 720x576i/p (4:3 and 16:9), 1280x720p: 50/60 Hz, 1920x1080i: 25/30 Hz, 1920x1080p: 50/60 Hz
HDMI Output Compatibility	HDMI 1.3a
Chassis and Environmental	
Enclosure Material	Painted Metal
Enclosure Dimensions (H x W x D)	30 mm x 112 mm x 88 mm (1.18 in x 4.41 in x 3.46 in)
Shipping Weight	0.3 kg (0.66 lbs)
Operating Temperature	0° to +48° C (+32° to +120° F)
Operating Humidity	10% to 90%, Non-condensing
Storage Temperature	-20° to +70° C (+14° to +158° F)
Storage Humidity	10% to 85%, Non-condensing
Power and Regulatory	
Power Supply Input	100V-240VAC / 50-60 Hz / 0.8A
Power Supply Output	5VDC / 2.0A
Power Consumption	10 watts (max)
ESD Protection	±15 kV
Product Regulatory	FCC, CE, RoHS
Power Supply Regulatory	UL, CUL, CE, PSE, GS, RoHS
Other	
Warranty	2 years
Diagnostic Indicators	SDI Input Signal, Power, HDMI Output Signal, SDI Output Signal
Included Accessories	Wall Mount Power Supply, Power Supply Adapters (US, EU, UK, AU), Installation Guide

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