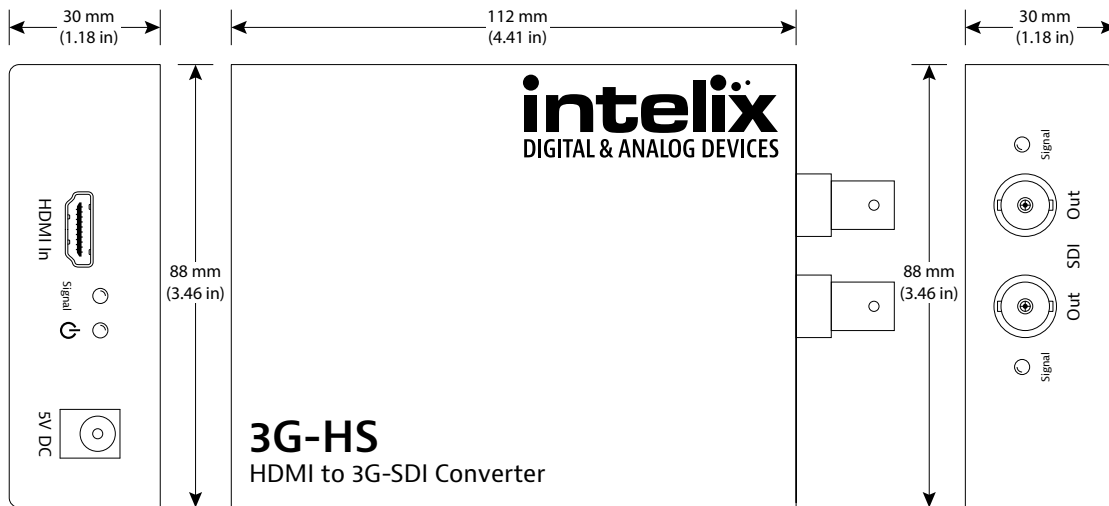


## 3G-HS Technical Specifications

HDMI to 3G-SDI Converter

Rev 150402

The Intelix 3G-HS is a professional broadcast video product capable of converting HDMI to 3G-SDI, HD-SDI, or SD-SDI. This allows viewing of industry standard consumer and commercial HDMI video components such as video players, computers, and more on broadcast products. The 3G-HS has two SDI output channels, which support RGB and YUV color spaces and the HDcctv standard.



Input/Output Connections	
HDMI Input	One (1) HDMI type A
SDI Outputs	Two (2) Female BNC
5V DC Power	One (1) Barrel (5.5 mm OD; 2.6 mm ID)
Video/Audio Performance	
HDMI Input 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 Input Compatibility	HDMI 1.3a
HDCP Input Compliance	Unencrypted content only
SDI 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
SDI Compatibility	SD-SDI (SMPTE 259M), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 424M)
Supported Audio	Up to 8 channel PCM
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	HDMI Input Signal, Power, SDI Output Signal (2 ea)
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.