



ATLONA HDMI TO 3G/HD/SD-SDI CONVERTER



Weight	2.30 lbs
SKU#	AT-HD-3GSDI

FEATURES:

- Supported 3G formats(SMPTE 425M, Level A): 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4)
- Supported high-definition (HD) formats: 1080i @50/59.94/60Hz, 1035i @50/59.94/60Hz, 720p @50/59.94/60Hz
- Supported standard-definition (SD) formats: NTSC @59.94Hz, PAL @50Hz
- Auto 3G/HD/SD-SDI detection
- Two SDI compliant outputs
- External DIP Switch Configuration

SPECIFICATIONS:

- SDI standards: SD-SDI, HD-SDI & 3D-SDI
- Auto 3G/HD/SD-SDI detection: Yes
- Video bandwidth: 2.970Gpbs, 2.970/1.001Gpbs
- Video support:
 - [3G] – 1080p @50/59.94/60Hz (4:2:2), 1080p @24/25/30Hz (4:4:4), 1080i @50/59.94/60Hz (4:4:4), 720p @24/25/50/59.94/60Hz (4:4:4)
 - [HD] – 720p @50/59.94/60Hz, 1035i @50/59.94/60Hz, 1080i @50/59.94/60Hz, 1080p @24/30Hz
 - [SD] – NTSC @59.94Hz, PAL @50Hz
- Input signal:
 - [SD-SDI] SMPTE 259M; [HD-SDI] SMPTE 292M, 296M; [3G-SDI] SMPTE 425M
- Output signal: SDI
- Output impedance: 75W
- Synchronization mode: Internal synchronization or external synchronization
- Eye pattern characteristics: Extra low alignment jitter 0.05UI at HD
- Cable equalization:
 - [3G-SDI] up to 60m (200ft); [HD-SDI] up to 150m (500ft); [SD-SDI] up to 300m (1000ft)
- Audio support: Yes
- PCB stack-up: 4-layer board [impedance control — differential 100W; single 50W]
- BNC connector: 3G 75W inter-locked socket
- HDMI connector: Type A [19-pin female]
- DIP switch: 4-pin [video format / audio format / audio group / reserved]
- Dimensions (L x W x H):
 - Model 160 x 110 x 25mm [6.3"x4.3"x1"]
 - Package 270 x 175 x 80mm [10.6"x6.9"x3.2"]
 - Carton 450 x 370 x 300mm [1'5.7"x1'2.6"x11.8"]
- Weight:
 - Model 420g [15oz]
 - Package 1030g [2.3 lbs]
- Power supply: 5V 4A DC
- Power consumption: 3 Watts [max]
- Operation temperature: 0~40°C [32~104°F]
- Storage temperature: -20~60°C [-4~140°F]
- Relative humidity: 20~90% RH [no condensation]

REAR VIEW



INPUTS/OUTPUTS:

- Input: 1x HDMI
- Output: 2x BNC [SDI]

PACKAGE CONTENTS:

- 1x AT-HD-3GSDI
- 1x 5V power adapter
- 1x HDMI-to-HDMI adapter
- 1x User Manual

WARRANTY

3 year manufacturer warranty (parts and labor)



CONNECTION DIAGRAM

