

# Atlona AT-HDSDI500 Atlona HD-SDI Signal Generator

## Atlona HD-SDI Pattern Generator supports up to 1080p. Model: AT-HDSDI500

The Atlona AT-HDSDI500 is a High-Performance HDSDI/SDI multi-format signal generator. Besides still and moving video test patterns, other features such as Closed Caption (CC) (EIA-608) and VANC (SMPTE-334M) are also provided. The AT-HDSDI500 supports wide variety of different resolutions up to 1080p

### Features:

- Unit supports wide range of output resolutions:  
525@60, 625@50, 720p@23.98, 720p@24, 720p@25, 720@29.94, 720p@30, 720p@50, 720p@59.94, 720p@60, 1080i@50, 1080i@59.94, 1080i@60, 1080p@23.97, 1080p@24, 1080p@25, 1080p@29.97, 1080p@30  
Bit Rate: 1.485 Gbps, 1.4835 Gbps, 270Mbps  
Resolution: 10bit
- Video Patterns:  
Color Bars, Borderline, Random Noise, Check Field, Black, Vertical Lines, Black / White alternate fields, Full Gray / Full White, Black to White Gradient, Random Generator for all still patterns, moving squares White noise, Inverse effect with still pattern, Scrolling Title (see Appendix for illustrations)
- Save settings option
- ANC Data: EDH (RP-165), SMPTE 352M, SMPTE 334M, EIA-608, SMPTE-12M
- Control: LCM & Panel Buttons
- Video Output: Dual SDI Output

### Technical Specifications:

- SDI Type: SDI and HD-SDI
- Recognition: Automatic SDI/HD-SDI recognition
- SDI signal type: SMPTE-292M, SMPTE-259M, DVB-ASI
- Video bandwidth: 1.485Gbps & 1.485/1.001Gbps
- Resolution Support: 720p50/59.94/60, 1035i50/59.94/60, 1080i50/59.94/60, 1080p24/30; NTSC@59.94Hz, PAL@50Hz
- Video Output Distance: up to 450ft (HD-SDI) and 1000ft (SDI)
- Output Type: 2 x BNC (female)
- Power supply: 5V 4A DC
- Dimensions (inch): 6.3 x 4.3 x 0.8
- Weight: 1.5LB
- Gross Weight: 3LB

### Package Contents:

- 1x AT-HDSDI500
- 1x 5V power adapter
- 1x User Manual