

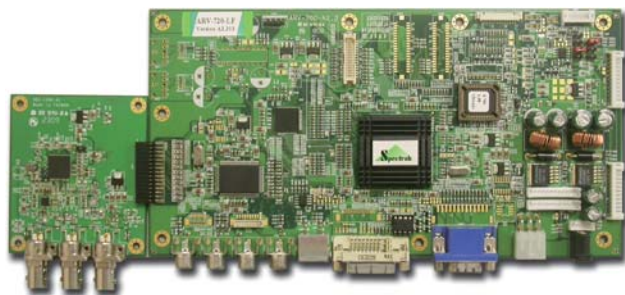


# HD-SDI/SD-SDI Adapter

## SDI-1590

### Overview:

Spectrah SDI-1590 is a HD-SDI/SD-SDI adapter card. The adapter enhances the Spectrah ARV-7300 series LCD controller boards to support HD-SDI broadcasting monitors. The adapter allows users to drive high-definition video data over long cable distance. HD-SDI/SD-SDI applications include digital signage, video cameras, digital video recording/playback devices, video projectors, high definition video systems, and medical videos. The adapter is fully compliant with the SMPTE292M (HD-SDI) and SMPTE 259M-C (SD-SDI) standards.



### Specifications:

#### Deserializer chip

- High Quality Deserializer
- SMPTE 292M and SMPTE 259M-C compliant
- Auto-configuration for HD-SDI and SD-SDI
- Integrated serial digital signal termination
- Automatic standards detection and indication

#### Input Interface

HD-SDI (SMPTE 259M)/SD-SDI(SMPTE 259M-C), 1 x BNC

#### Output Interface

Two HD-SDI signal outputs, 2 x BNC

#### Power Requirement

5VDC Regulated

#### Operating Temperature & Humidity

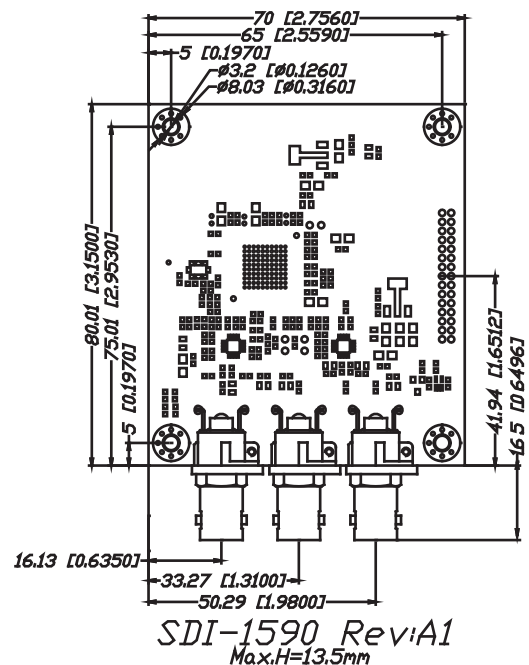
-20 °C to 75°C; 10%RH to 80%RH

#### Storage Temperature & Humidity

-20 °C to 85°C; 10%RH to 90%RH

#### Board Dimension

80 (L) x 70 (W) mm (inch)



### Ordering Information:

- SDI-1590

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