Rugged 3G-SDI Video Products
For Airborne, Ground, and Marine Surveillance Missions

Converters • Switches • Quad Processors • Displays • Controllers

434 974-6310 www.appliedvi.com
355 Rio Road West Suite 101 Charlottesville, VA 22901
3-G SDI Video Switches and Splitters

**S000108-00 8X8 Switch**
Eight SDI in, Eight SDI out non-blocking switch (any input to any or all outputs).

**S000116-00 16X16 Switch**
Sixteen SDI in, Sixteen SDI out non-blocking switch (any input to any or all outputs).

**S050104-00 1X4 Splitter**
One SDI in, Four SDI out. Available in one, two, or four channel versions.

Miscellaneous SDI Video Converters and Processors

**C200101-00 VGA Converter**
One VGA in, two scaled SDI video out.

**C400201-00 SDI to SDI Converter**
One SDI in, one SDI in loop through, two scaled SDI video out.

**C300202-00 DVI/HDMI to SDI Bidirectional**
One DVI-D/HDMI in, two SDI out and one SDI in, one loop through, one DVI out.

**C300204-00 DVI/HDMI to SDI Bidirectional**
Two DVI-D/HDMI in, four SDI out and two SDI in, two loop through, two DVI out.

**Q000304-00 Quad Image Processor**
Four SDI in, two SDI and one DVI out. Inputs combined as a single quad image multiple layouts.

**C500201-00 DisplayPort to SDI and Composite Converter**
One DisplayPort in, one SDI and one Composite out.
**DVI/HDMI to 3-G SDI Video Converters**
Converts DVI-D/HDMI video to SD, HD, or 3-G SDI video

- **C000201-00**
  One DVI-D/HDMI in, two SDI video out.

- **C000202-00**
  Two DVI-D/HDMI in, four SDI video out.

- **C000204-00**
  Four DVI-D/HDMI in, eight SDI video out.

- **C000202-01**
  Two DVI-D/HDMI in, ten SDI video out.

- **C000301-00**
  DVI-D/HDMI in, scaled to three SD, HD, or 3-G SDI video out.

- **C000302-00**
  Two DVI-D/HDMI in, scaled to six SD, HD, or 3-G SDI video out.

**3-G SDI to DVI/HDMI Video Converters**
Converts SD, HD, or 3-G SDI video to DVI-D/HDMI video

- **C250201-00**
  One SDI in, one SDI loop through, one DVI-D/HDMI out.

- **C250202-00**
  Two SDI in, two SDI loop through, two DVI-D/HDMI out.

- **C250204-00**
  Four SDI in, four SDI loop through, four DVI-D/HDMI out.

- **C250301-00**
  One SDI in one SDI loop through, one scaled DVI-D/HDMI out.

- **C250302-00**
  Two SDI in two SDI loop through, two scaled DVI-D/HDMI out.
Products

NTSC/PAL to 3-G SDI Video Converters
Converts NTSC/PAL video to SD, HD, or 3-G SDI video

C100101-00
One Composite, S-Video, or Component NTSC/PAL in, one SDI video out.

C100102-00
Two Composite, S-Video, or Component NTSC/PAL in, two SDI video out.

C100104-00
Four Composite, S-Video, or Component NTSC/PAL in, four SDI video out.

3-G SDI to NTSC/PAL Video Converters
Converts SD, HD, or 3-G SDI video to NTSC/PAL video

C150101-00
One SDI in, one Composite, S-Video, or Component NTSC/PAL video out.

C150102-00
Two SDI in, two Composite, S-Video, or Component NTSC/PAL video out.

C150104-00
Four SDI in, four Composite, S-Video, or Component NTSC/PAL video out.

C150201-00
One SDI in, one SDI loop through, one Composite NTSC/PAL video out.

C150202-00
One SDI in, one SDI loop through, one Composite NTSC/PAL video out.
Products

Remote Controllers

R050100-00  
DZUS panel mount Quad Processor remote controller.

R100100-00  
DZUS panel mount 8X8 Switch remote controller.

R150100-00  
16X16 Switch remote controller.

Rugged Multifunction Displays

D070102-00  
7” Full HD, two SDI inputs.

D100101-00  
10.6” HD, one or four SDI inputs.

D171101-00  
17.3” Full HD, one or four SDI inputs.

D2100101-00  
21.5” Full HD, one or four SDI inputs.

D2400101-00  
23.8” Full HD, one or four SDI inputs.
About Applied Video Imaging

- AVI established in 2012.
- Based in Charlottesville VA, USA.
- AVI specializes in rugged SDI (Serial Digital Video) products.
- AVI’s primary market focus is Airborne, Ground, and Marine based ISR Mission Systems.
- AVI’s product approach is to provide encapsulated SDI processing modules for creating optimal mission system architectures.
- AVI’s “building block” approach to mission systems design provides customers:
  - Lower system complexity
  - Lower system component costs
  - Decreased installation costs
  - Lower installed system weight
  - Lower lifecycle costs
  - Greater system operational flexibility
  - Greater mission operational effectiveness
- Customer and Engineering focused.

Go to AVI’s web site to download detailed specifications on the data sheets for all of our products in this catalog.

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Let’s make it perfectly clear...
Applied Video Imaging

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