AVI – Optimize your sensor suite.™

Products

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).

S05020X-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 to SDI Converter
One VGA in, two scaled SDI video out.

C220301-00 SDI to VGA Converter
One SDI in, one SDI in loop through, one scaled VGA video out.

P000100-00-00 General Purpose Processor
AM335x 1GHz Arm Cortex-A8 processor with RS232, R422, RS485, I/O, and Ethernet

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

Q000304-01 IP68 Rated Quad Image Processor
Four SDI in, two SDI and one DVI out. Inputs combined as a single quad image with multiple layouts.

C500201-00 DisplayPort to SDI and Composite Converter
One DisplayPort in, one SDI and one Composite out.

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Products

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

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

C000301-01 IP68 Rated
DVI-D/HDMI in, scaled to three SD, HD, or 3-G SDI video out.

C000302-00
Two channels of DVI-D/HDMI in, scaled to three 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

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

C250301-01 IP68 Rated
One SDI in, one SDI in alternate, one SDI in loop through, one scaled DVI-D/HDMI out.

C250302-00
Two Channels of one SDI in, one SDI in alternate, one SDI in loop through, one scaled DVI-D/HDMI out.

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

C100301-00
One Composite, S-Video, or Component NTSC/PAL in, two SDI video out.

C100302-00
Two Channels of one Composite, S-Video, or Component NTSC/PAL in, two SDI video out.

C100304-00
Four Channels of one Composite, S-Video, or Component NTSC/PAL in, two SDI video out.

Products

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

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

C150202-00
Two channels of one SDI in, one SDI loop through, one Composite NTSC/PAL video out.

C150302-00
Two Channels of one SDI in, one SDI loop through, Composite, S-Video, or Component NTSC/PAL video out.

User Interface Modules

UIM001-00
PCAP Six Button module with DZUS mounts with customizable Icons.

UIM002-02
PCAP Twelve Button module with DZUS mounts with customizable Icons.

UIRS02-00
Panel Mount Programable two to sixteen positions rotary switch selector with customizable Icons.

Products

Rugged Multifunction Displays

D072-XX
7" Full HD, IP68 Rated.

D102-XX
10.1" Full HD, IP68 Rated.

D122-XX
12.1" HD, IP68 Rated.

D152-XX
15.6" Full HD, IP68 Rated.

D172-XX
17.3" Full HD, IP68 Rated.

D212-XX
21.5" Full HD, IP68 Rated.

D242-XX
23.8" Full HD, IP68 Rated.

DEUXX1-XXX Display Electronics Unit
IP68 Rated. Display mount or remote up six meters, four SDI inputs, one SDI output, Ethernet, Serial, and I/O. Three power ratings. HDMI option. Multiple user interface options for display control, including AVI's User Interface Modules.

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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:

  o Lower system complexity

  o Lower system component costs

  o Decreased installation costs

  o Lower installed system weight

  o Lower lifecycle costs

  o Greater system operational flexibility

  o 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.

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

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

Converters • Switches • Quad Processors • Displays • Controllers