

SMCVG2DVI

VGA TO DVI
ACTIVE CONVERTER



VGA to DVI Active Converter

Converts VGA input to DVI-D output with local VGA display

The SMCVG2DVIS automatically detects the VGA input resolution and converts it to the new DVI (Digital Video Interface) video display format. It also supports a local VGA display.

- Allows old system to connect to DVI display
- Converts analog video signals to digital DVI signal
- Highly precise 8-bit A/D conversion of each color channel, better image quality
- Ensures to send high-definition signal without signal loss
- Supports Plug-and-play function, no software installation required
- Front panel switches for better synchronization and tuning to the Display
- Automatic DDC learning
- Sync Tuning for better signal conversion



Made in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

www.smartavi.com

SPECIFICATIONS

Application Diagram



VIDEO

Format	VGA, DVI-D Single-link
Resolution	WUXGA (1920x1200), UXGA (1600x1200), SXGA (1280x1024), XGA (1024x768), SVGA (800x600), VGA (640x480)
Input Interface	(1) HD-15 Female
Output Interface	(1) DVI-D Single-link Female, (1) HD-15 Female
Connector	HD-15, DVI-D

OTHER

DDC Signal	5 Volts [peak-to-peak], TTL
TDMS Signal	1.2 Volts[peak-to-peak], TTL
Power	External 5VDC2A @ 10W
Dimensions	5"W x 1.375"H x 4"D
Weight	0.6 lbs.
Approvals	Device: CE, ROHS Power Supply: C-UL US, CE

ORDERING INFORMATION

Part No.	Description
SMCVG2DVIS	VGA to DVI Active Converter. Includes: [SMCVG2DVI & (PS5VD2A)]

Applications

- Corporate or Educational Presentations
- Financial (Remote Servers/User Control)
- Call Centers
- Industrial (Long-Range Workstation Isolation)
- Information Terminals/Kiosks
- Airport Installations (Air Traffic Control/Passenger Information)
- Educational Environments with remote displays



SMCVG2DVI Front



SMCVG2DVI Rear

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



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