# What's in the Box?

PART NO.	QTY	DESCRIPTION
SMCVG2DVIS	1	VGA to DVI Active Converter. Includes: [SMCVG2DVI & (PS5VD2A)
Power Supply	1	PS5VDC2A
User Manual	1	

# **Technical Specifications**

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	

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# Installation Manual

# SMCVG2DVI VGA to DVI Active Converter



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



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### **Introduction**

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.

#### **Features**

- 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

### **Applications**

- Security Environments
- Home Theater Integration
- Restaurants and Bars
- Information Kiosks/Displays

# **Product - Installation Diagram**

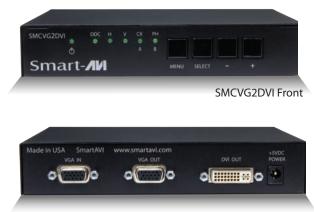


#### **Installation**

- 1. Turn off the computer, displays and the make sure the SMCVG2DVI is unplugged.
- 2. Connect a VGA cable to the computer and to the VGA IN port on the rear of the SMCVG2DVI.
- 3. Connect the local VGA display to the VGA OUT port on the rear SMCVG2DVI.
- 4. Connect the DVI display to the DVI OUT port on the rear SMCVG2DVI.
- 5. Connect the power cord to the SMCVG2DVI.
- 6. Power on the computer and the displays.

## Using the SMCVG2DVI

To adjust the settings for the output signal, use the buttons on the front of the SMCVG2DVI.



SMCVG2DVI Rear