

DVIVGA-IS

HDMI/DVI-to-VGA stand-alone scan converter



**Advanced Micro
Peripherals**

THE EMBEDDED VIDEO EXPERTS

The DVIVGA-IS is an intelligent stand-alone scan converter that accepts a HDMI/DVI input and outputs VGA signals at up to 1440x900 resolution.



The DVIVGA-IS captures the HDMI/DVI digital signal and performs video scaling, frame rate conversion and timing generation for display on a progressive analog vga output.

The DVIVGA-IS is an intelligent stand-alone device with it's own on-board MPU and does not require a host CPU or any driver software. For mechanical convenience the module can be mounted on a PCI-104 stack without consuming host CPU resources.

Rev A.01

Subject to change without notification

Advanced Micro Peripherals Ltd
Cambridge, CB6 2HY, England
Tel (+44) 1353 659500
Fax (+44) 1353 659600
sales@ampitd.com
<http://www.ampitd.com>

Advanced Micro Peripherals Inc
New York, NY10016, USA
Tel (+1) 212 951 7205
Fax (+1) 212 951 7206
sales@amp-usa.com
<http://www.amp-usa.com>

Convert
HDMI/DVI
to
Standard
Analog
VGA



DVIVGA-IS

HDMI/DVI-to-VGA stand-alone scan converter



**Advanced Micro
Peripherals**

THE EMBEDDED VIDEO EXPERTS



On-board
MPU
for
Intelligent,
Stand-alone
Operation

Applications

Aerospace instrumentation
Instrument panel
Multi-function display (MFD)
Situational Awareness
Remote Video Surveillance
Naval/Marine instrumentation
Border Security
Traffic Monitoring and Control
Video Acquisition and Analytics

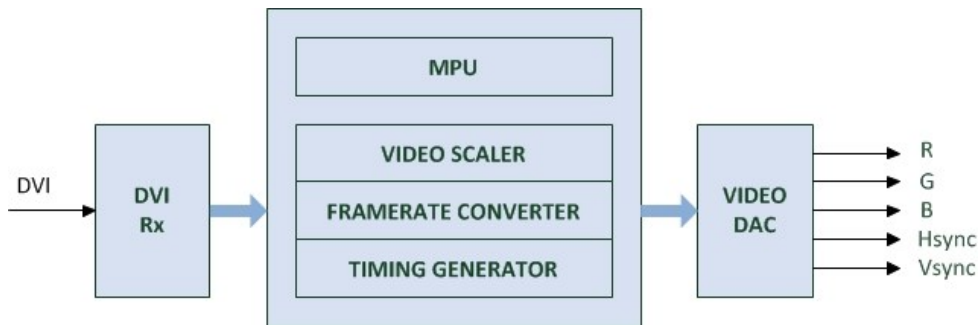
Advanced Micro Peripherals Ltd
Cambridge, CB6 2HY, England
Tel (+44) 1353 659500
Fax (+44) 1353 659600
sales@ampitd.com
<http://www.ampitd.com>

Advanced Micro Peripherals Inc
New York, NY10016, USA
Tel (+1) 212 951 7205
Fax (+1) 212 951 7206
sales@amp-usa.com
<http://www.amp-usa.com>



DVIVGA-IS

HDMI/DVI-to-VGA stand-alone scan converter



DVIVGAIS Functional Diagram

Aerospace and
Marine
Instrumentation

Border
Security

Features

- Converts HDMI/DVI to standard analog VGA
- Supports DVI input up to 1920x1080 @ 60Hz
- Single +5V power supply
- Stand-alone operation
- Operating system neutral
- Standard PCI-104 mechanical form factor

Digital Video Input

HDMI/DVI up to 1920x1080 @ 60Hz

Analog Video Output

Progressive scan RGB, H-Sync, V-Sync (Analog VGA)
10bit digital-to-analog conversion

Video Output Resolutions

WXGA+ 1440x900

Miscellaneous

Intelligent stand-alone module, does not require host computer
Standard 3.6 x 3.8in PCI-104 form factor
Mechanical mounting for PCI-104 stack
Single +5V supply
Operating temp 0°C to 60°C
Operating temp -40°C to +85°C (extended temp option)

Ordering Information**DVIVGA-IS**

HDMI/DVI to VGA scan converter (0 to 60°C)

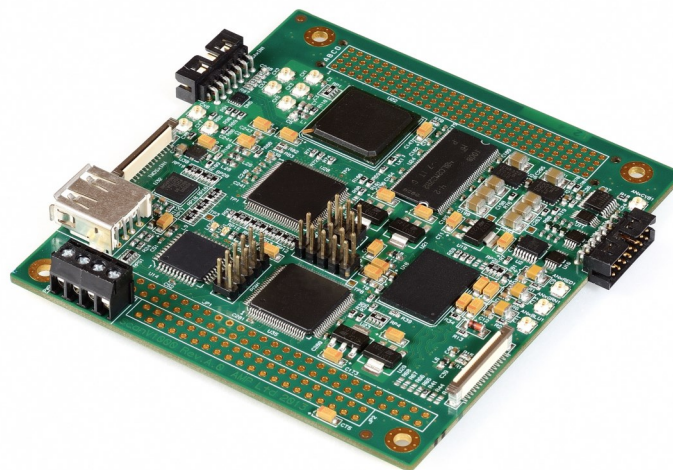
DVIVGA-IS-EXT

HDMI/DVI to VGA scan converter (-40°C to +85°C)

Cable-DVIVGA

Cable set for DVIVGA-IS

(3x u.FL-to-BNC coax input cables, 1x VGA output cable)

**DVIVGA-IS**