

XI200DE-HDMI Specifications

(V1.0)

Product Feature

- Simultaneously capture 2 High-Definition HDMI signal or one 3D HDMI signal.
- 1080p/60 Hz for HD input signal.
- LPCM audio signal via HDMI.
- Microsoft AVStream standard driver, support majority multimedia video software or streaming media software.
- Super small size: 122.18mm x 68.88mm, Low-Profile standard.

Attention:

For copyright protection, you cannot use for capturing HD signal which blue-ray player outputs.

Advanced Feature

- DMA transmission with high performance.
- HD input supports automatic detection of input video format, automatic detection of the valid area of video.
- HD input supports for multi-stage image zoom and provides with three scales for image aspect ratio.
- De-interlace supports Vertical Blend and Motion Adaptive.
- Hardware color conversion, it can output RGB24 , RGB32 , YUY2 , UYVY , I420.

- HD input supports color adjustment, it can adjust image brightness, contrast, hue, saturation, Gamma; also R, G, B brightness and contrast can be adjusted separately.
- HD input supports image vertical flip and mirror.
- The firmware can upgrade.

Product Specifications

connection	
Host Interface	PCI-Express x4, Low Profile, 700MB/transmission bandwidth
Input Interface	2 HDMI Interface
HDMI Video Input	2 1080P/60HZ HDMI signal or 3D HDMI signal
HDMI Audio Input	2 LPCM audio signal
standard	
HDMI Input Formats	It meets HDMI 1.4 standard and supports 1080p 36-bit Deep Color/2160p 8-bit
Output Formats	40×30-3840×2160 , frame rate : 1-100 fps
Video Sample Rate	HDMI : 297MHz
Color Space	YUYV, UYVY, NV12, I420, RGB24, RGB32
Video Processing	
Switch of Color Space	Hardware Color Switch
De-interlacing	Vertical filter de-interlacing; motion-adaptive de-interlacing
Image Scale	Hardware 5-Tap scale
Image Mirror	Horizontal; vertical
Image Clip	Yes
Image	Brightness/contrast/hue adjustment/

Adjustment	saturation adjustment/control of monochrome and color/ Gamma adjustment separately adjust the brightness and contrast of R/G/B
Others	
OS Support	Support the following operating systems, including x86 and x64: Windows XP Professional Windows Server2003 Windows Vista Windows Server 2008 Windows 7 Windows Server 2008 R2
Software Compatibility	Windows Media Encoder Adobe Flash Media Live Encoder Real Producer Plus VideoLAN for Windows
Onboard Memory	256MB DDR2, working rate is 160 Mhz, bit width is 64bit
Update	Firmware can be updated.
Size	122.18mmx68.88mm
Power Consumption	<= 6W
Operating temperature	0-50°C
Storage temperature	-20-70°C
Relative	5%-90 %

Please note:

1. PCI-Express actual transmission bandwidth relates with the host chipsets and motherboard, it may be lower than written value here.
2. The actual output frame rate is limited by PCI-Express interface bandwidth, it may be less than setting value.