

## **XI200XE-mini Product Specifications**

( V1.0 )

### **Product Feature**

- Simultaneously capture two Hig-Definition video signals.
- 1080p/60 Hz for HD input signal.
- HD signal can capture DVI, VGA, HDMI, YPbPr.
- Capture LPCM audio signal via HDMI.
- Microsoft AVStream standard driver, support most multi-media video software or stream media software.

Please note:

Because of copyright protection, you cannot use the product for capturing HD signal which blu-ray player outputs.

### **Advanced Feature**

- DMA transmission with high performance.
- HD input can switch signal dynamically, signals include DVI/HDMI, VGA, and YPbPr.
- HD input can be compatible with CVBS.
- Automatic detection of input video format, automatic detection of the effective area of video, automatic phase adjustment of capturing VGA.
- It provides safe mode to VGA signals. It supports VGA signals whose maximum line sampling is no more than 4095.
- Setting effective image area manually, it can be used for image flipping and

supporting the timing of special input signal.

- Support multi-stage image zoom and provide 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 color format.
- Support color adjustment, it can adjust image brightness, contrast, hue, saturation, Gamma; also R, G, B brightness and contrast can be adjusted separately.
- Image vertical flip and mirror.
- Multiple cards for a machine, each card can capture signals simultaneously and have independent setting options.
- The firmware can upgrade.

## Product Specifications

Board Size	116.99mm x 86.16mm
Host Interface	PCI-Express x4, Half length, *700MB/s transmission bandwidth
Input Interface	2 DVI-I interface
Maximum Sampling Rate	RGB/Component: 170MHz HDMI/DVI: 225MHz
Onboard Memory	256 MB DDR2 per channel, 160 MHz of working frequency, 64bit of bit width
VGA Input Format	640x400-2048x1536, pixel rate is under 170MHz It provides safe mode to VGA signals, and capture irregular resolutions.
YPbPr Input Format	480i、 576i、 480p , 576p , 720p , 1080i , 1080p

DVI Input Format	Up to DVI 1.0 standard, single continuity
HDMI Input Format	Up to HDMI 1.3 standard, support 36bit DeepColor
HD Output Image Format	Size: 40x30-2048x1536, frame rate: 1-100 fps, color: YUY2, UYVY, RGB24, RGB32, I420
Operating System Support	Support following operating systems (x 86 version or x64 version) : Windows® XP Professional Windows® Server 2003 Windows Vista®, Windows® Server 2008 Windows® 7 Windows® Server 2008 R2
Power Consumption	<= 5W
Operating Temperature	0 to 50 deg C
Storage Temperature	-20 to 70 deg C
Relative Humidity	5% to 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.