MAGEWELL

XI200XUSB Technical Specifications

Specifications are based on current hardware, firmware and software revisions, and are subject to change without notice.

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Supported OS

- Windows XP Professional/Vista/7/8/8.1/10/Server 2003/Server 2008/Server 2008 R2 (x86 & x64)

Supported Software

- Windows Media Encoder
- Adobe Flash Media Live Encoder
- Real Producer Plus
- VideoLAN for Windows

Onboard Memory

- 128MB DDR2, working rate is 160 Mhz, bus width is 32 bits

Input

- Input interface: 2 DVI-I (can connect to HDMI, VGA, YPbPr)
- DVI Input Dual: 1080p/60Hz HD DVI signals
- HDMI Input: Dual 1080p/60Hz HD HDMI signals
- VGA Input: Dual VGA
- YPbPr Input: Dual YPbPr
- CVBS Input: Dual SD video signals
- HDMI Audio Input: Dual LPCM audio signals

Host Interface

- USB3.0

Standards

- DVI Input Format: It meets DVI 1.0 standard, single connection (480i, 576i, 480p, 576p, 720p, 1080i, 1080p)
- HDMI Input Format: It meets HDMI 1.3 standard and supports 36 bits DeepColor.
- YPbPr Input Format: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p
- VGA Input Format: 640×400–2048×1536 when the pixel rate is below 170MH. It provides safe mode to VGA and can capture irregular resolutions.
- CVBS Output Standard: PAL/ NTSC
- HD Output Format: 40×30–2048×1536, frame rate: 1–100 fps
- SD Output Format: 176×144–768×576, frame rate: 1–30 fps
- Video Sampling Rate: RGB/YPbPr: 170MHz
- HDMI/DVI: 225MHz
- Video Sampling Precision Rate: 10 bits
- Color Space: YUYV, UYVY, I420, NV12, RGB 24 Bits, RGB 32 Bits

Video Processing

- Hardware Color Switch
- Video de-interlacing
  - Vertical filter de-interlacing
  - Motion-adaptive de-interlacing
- Video scaling: Hardware 5-Tap Scale

- Image Mirror: Horizontal, vertical
- Image cropping
- Image Adjustment
    - Brightness/contrast/hue adjustment
    - Saturation adjustment/control of monochrome and color
    - Gamma adjustment
    - Separately adjust the brightness and contrast of R/G/B

Firmware Upgrade

- Firmware can be updated.

Installation

- It can connect to computer by USB 3.0 interface, and is compatible with USB 2.0 interface only to get a relatively low frame rate.

Size

- 116mm x 116mm x 32mm(L/W/H)

Power Consumption

- Max power consumption: ~ 4 W