

4 Channel USB Frame Grabber

Portland, Oregon-March 7, 2007

Sensoray Model 2255; USB Frame Grabber

The latest USB frame grabber from Sensoray, Model 2255, successfully fills the industry need for a multichannel, low-latency, USB video capture device. Boasting an impressive total capture rate of 60 frames per second (fps), the 2255 allows for simultaneous video capture of up to 4 composite NTSC or PAL video sources at 15 fps or 2 channels at a full 30 fps. Full frame rate capture is possible across all channels simultaneously using monochrome or scaled down modes.

A variety of output formats supported by the 2255 eliminates the need for format conversions in a wide range of applications. Supported formats include:

- RGB packed (24 bits/pixel, bitmap compatible)
- YCrCb packed (16 bits/pixel, YUY2 compatible)
- YCrCb planar (16 bits/pixel, optimal for image processing)
- Y8 (8 bits/pixel, monochrome).

The 2255 is powered through the USB 2.0 connection on a PC eliminating the need for an external power supply. The supplied software development kit contains the drivers for Linux and Windows, the API, and a demo program which illustrates the use of the API. The driver supports multiple units allowing for easy system expansion and integration.

The price for a single unit in an enclosure is \$515. Additional price breaks are available.

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For a more details, diagrams and specs please visit:

<http://www.sensoray.com/products/2255data.htm>