LEDSync820C is a powerful and high-performance LED front-end video image processing device. It supports the input of multiple kinds of video image signals, able to conduct high-quality image zoom processing, finally connected to LED display in .DVI full digital signal format. LedSync820C contains a special PAL/NTSC video deinterlacing processing chip and 1 high-performance format converting and image zoom processing chip. It can convert video image signal of different types, systems and formats such as DVI, RGB, HDTV, PAL/NTSC compound video and S-video into LED display in high quality, it is the most ideal front-end video image processing device for LED display.

**Features LedSync820C Video Image Processor**

- Digital Video Decoder
- Video Decoder Adjustments (NTSC, PAL) Brightness, Contrast, Hue ,Saturation
- Adaptive 2/4-line Comb filter for Two Dimensional Chrominance/Luminance Separation
- State-of-the-art Motion-Adaptive Deinterlace Processor
- Intelligent Edge Deinterlacing
- Digital Color/Luminance Transient Improvement (DCTI/DLTI)
- Advanced 4x4 Pixels Interpolation Scaling Algorithm
- Advanced 4-symbol LUT for H and V Enlargement Scaler
- Independent H and V Scaling Ratios
- 10-Bit Processing
- User-defined Gamma Value from 0.4 to 3.99
- 8 levels Output Brightness Selection
- User-defined LED Window Size and Location by Front Panel Button setup
- 1 of 8 Sources Directly Selected by Front Panel Button, includes:
  - 1 x DVI
  - 1 x VGA
  - 4 x CVBS
  - 1 x Y/C
  - 1 x YPbPr
- Audio Sync Switch
- Seamless Switch
- Switch Input Source, Change Brightness automatically by Timing Control Plan
- LED Transmission Card Built-in ability
- Remote Control through TCP/IP Internet Network
- 24/7 Application

Specifications LedSync820C Video Image Processor