

LedSync822A

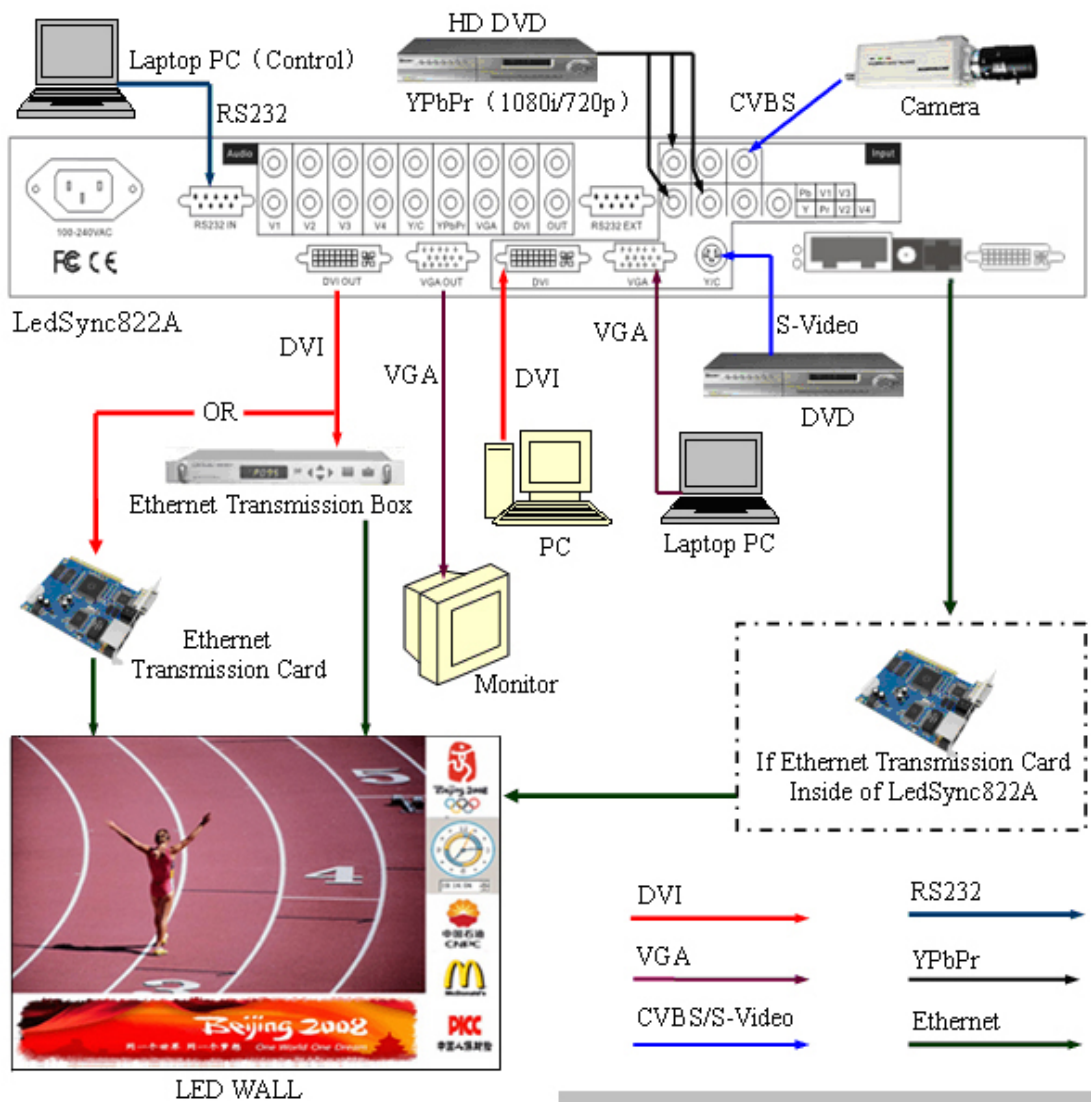


● Professional Solution to Drive LED Walls

1. Digital Video Decoder
2. Video Decoder Adjustments (NTSC, PAL) Brightness, Contrast, Hue, Saturation
3. Adaptive 2/4-line Comb filter for Two Dimensional Chrominance/Luminance Separation
4. State-of-the-art Motion-Adaptive Deinterlace Processor
5. Intelligent Edge Deinterlacing
6. Digital Color/Luminance Transient Improvement (DCTI/DLTI)
7. Advanced 4x4 Pixels Interpolation Scaling Algorithm
8. Advanced 4-symbol LUT for H and V Enlargement Scaler
9. Independent H and V Scaling Ratios
10. 10-bit Processing
11. User-defined Gamma Value from 0.4 to 3.99
12. 8 levels Output Brightness Selection
13. User-defined **LED** and **PIP** Window's Size and Location by Front Panel Button setup
14. 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
15. Audio Sync Switch
16. Seamless Switch
17. Switch Input Source, Change Brightness automatically by Timing Control Plan
18. LED Transmission Card Built-in ability
19. Remote Control through TCP/IP Internet Network

20. 24/7 Application

● System Diagram



LedSync822A Connectivity Diagram

- **Specifications**

Inputs	
Nums/Type	1 × RGBHV(VGA) 1 × DVI 1 × YPbPr(HDTV) 4 × CVBS 1 × Y/C(S-Video)
Video system	PAL/NTSC
CVBS Scope/Impedance	1V (p_p) / 75 Ω
Y/C Scope/Impedance	Y: 0.7V (p_p) / 75 Ω , C: 0.35V (p_p) / 75 Ω
RGB/DVI resolution	1280 × 1024@60Hz, 1024 × 768@60Hz , 800 × 600@60Hz
RGB Scope/Impedance	0.7 V (p_p) / 75 Ω
YPbPr (HDTV) System	1280 × 720p@60Hz, 1920 × 1080i@60Hz
YPbPr (HDTV) Scope/Impedance	Y: -0.3V ~ +0.7V (p_p) / 75 Ω Pb: -0.35V ~ +0.35V (p_p) / 75 Ω Pr: -0.35V ~ +0.35V (p_p) / 75 Ω
Connectors	RGBHV: 15pin D_Sub(female) DVI: 24+1 DVI_D YPbPr(HDTV): RCA × 3 CVBS: RCA Y/C: 4pin mini DIN(female)
Outputs	
Nums/Type	1 × RGBHV(VGA) 1 × DVI
RGB/DVI resolution	1024 × 768@60Hz
RGB Scope/Impedance	0.7 V (p_p) / 75 Ω
Connectors	RGBHV: 15pin D_Sub(female) DVI: 24+1 DVI_D
Others	
Control	RS 232. Panel Button
Power	100-240VAC 60W 50/60Hz
Operating Temp	5-40 °C
Humidity	15-85%
Size	155 mm (high) × 350mm (wide) × 485mm (length)
Weight	5.6 Kg