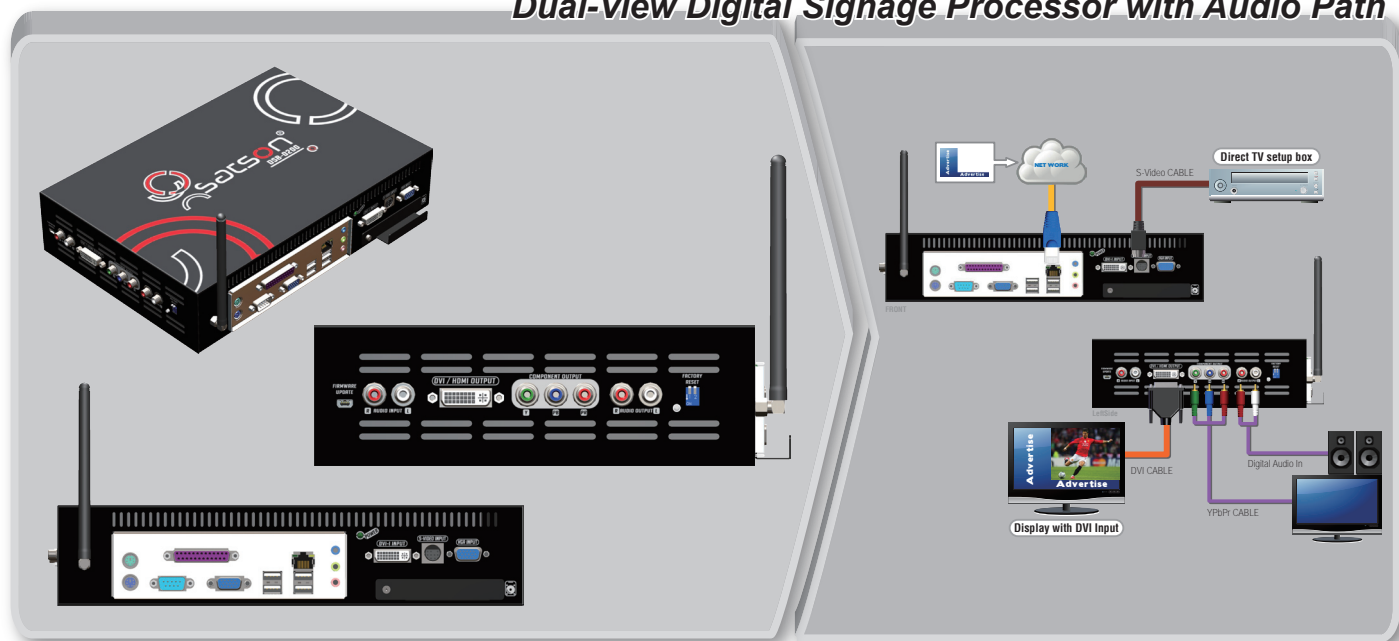


Dual-View Digital Signage Processor with Audio Path



Features

- Built-in PC mother board Built-in
- PC Ethernet/USB/..... support
- Swappable hard disk tray to ease maintenance
- Three graphic (DVI / VGA) and four video (HDMI / Component / S-Video / Composite) Inputs, from 640x480 to 1920x1200, interlaced or progressive.
- Dual video outputs (DVI / HDMI), 640x480 to 1920x1200, and YPbPr, HD 720p.
- HDCP 1.1 Support
- PIP, PAB, Full screen modes and adjustable size& position through software.
- Titles, borders and colored backgrounds.
- Resize, position, flip, zoom& pan and blend output video.
- Can be cascaded to obtain more images.
- Image parameters and layouts are automatically saved in flash memory and can be recalled for later use.
- Several Image parameters and layouts can be saved in flash memory and can be recalled for later use.
- Video parameters adjustable (brightness, contrast, color temperature, etc.).
- User-selectable output settings, up to 1920x1200.
- Perfectly as a video screen splitter, a video converter and a video switcher.
- Analog audio switcher
- Analog stereo to HDMI audio conversion
- Firmware upgradable for support of new features and technology enhancements.
- Software control through USB.

Specifications

Model Name		DSB-0200
Technical		
Role of usage		Multiplexer / video processor
Dual output support		Yes [HDMI/DVI + YPbPr]
HDCP compliance		Yes
Video bandwidth		DVI [Single-link 4.95Gbps] / VGA [165MHz] Component [30MHz] / Composite [13.5MHz]
Video support		480i / 480p / 720p / 1080i / 1080p60 / 1920x1200@75 / 1600x1200@60
Audio support		Yes
Control		USB
PIP / PAP		Yes
Cascadable		Yes
Input TMDS signal		1.2 Volts [peak-to-peak]
ESD protection		Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge]
PCB stack-up		6-layer board [impedance control — differential 100Ω; single 50Ω]
Input		2x VGA + 1x DVI + 1x component +1x Mini-Din9 + 1x USB + 1x Stereo
Output		1x DVI + 1x YPbPr + 1 x Stereo
DVI connector		DVI-I [29-pin female, digital only]
VGA connector		HD-15 [15-pin D-sub female]
USB connector		Mini USB
RCA connector		75Ω female
Mechanical		
Housing		Metal case
Dimensions [L x W x H]	Model	180 x 103 x 23mm [7.1" x 4" x 0.9"]
	Package	330 x 200 x 95mm [11" x 7.9" x 3.7"]
	Carton	495 x 440 x 380mm [1'7.5" x 1'5.3" x 1'3"]
Weight	Model	480g [1.1 lbs]
	Package	1345g [3 lbs]
Fixedness		Wall-mounting case or wall hanging holes upon request
Power supply		12V 5A DC
Power consumption		50 Watts [max]
Operation temperature		0~40°C [32~104°F]
Storage temperature		-20~60°C [-4~140°F]
Relative humidity		20~90% RH [no condensation]