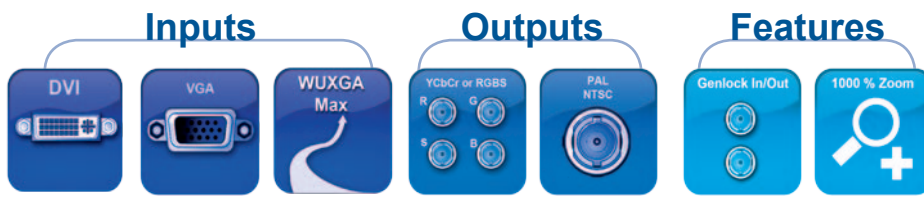
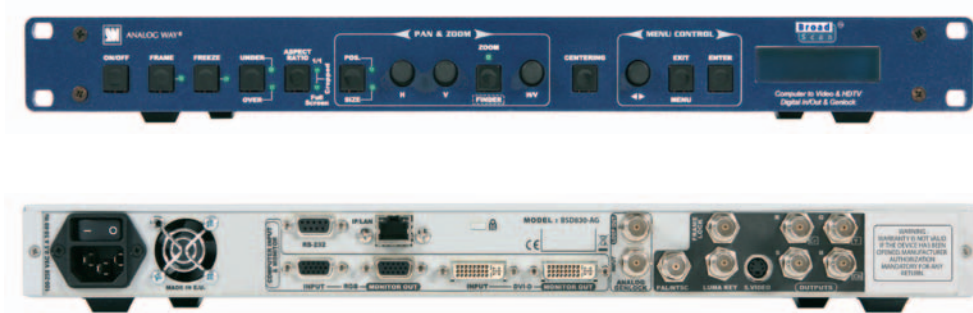


Broad Scan

Ref. BSC730

Very High Resolution to Video Scan Converter with Genlock



BSC730 at a glance

- > Powerful Broadcast Scan Converter with analog Genlock
- > Up to 1920x1200 input resolution
- > High Performance image processing with real time conversion
- > A «Zoom finder» is provided to preview the part of an image zoomed
- > 8 Preset Memories for zoom settings

Reference

- > [BSC730: Broad Scan](#)

Option

- > OPT-LAN: IP/Ethernet Control

Inputs

- Workstations, PC, Mac compatible input
- DVI and RGB Computer Input up to 1920x1200
- Genlock: Black Burst
- All Genlock timings meet broadcast ITU/SMPTE standards
- All video outputs are available simultaneously

Outputs

- Analog outputs: YUV, NTSC/PAL, RGB, S-Video

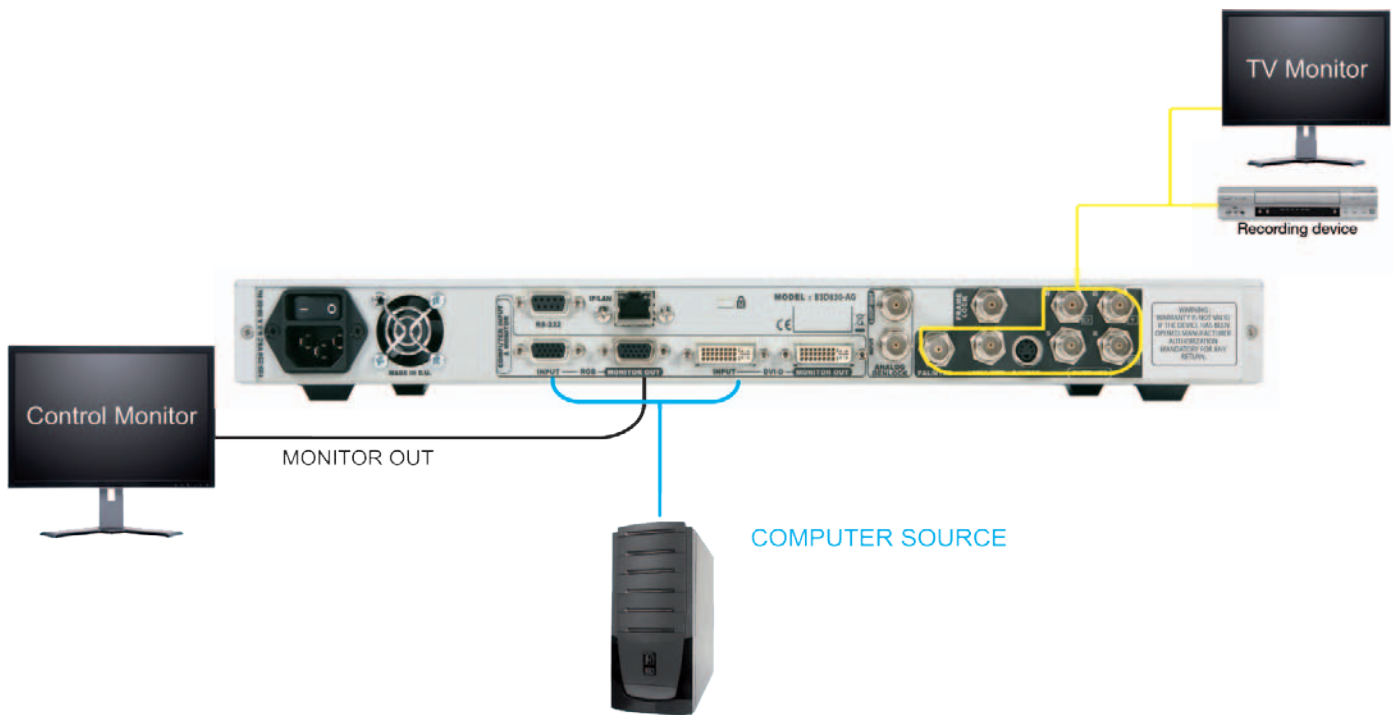
Features

- Multi-level anti-flicker
- Horizontal & Vertical filters
- 16/9, 4/3, special sized and cropped output
- Pan & zoom resizing up to 1000%
- Zoom Finder
- Direct access functions: Freeze, Black, Under/Over Scan, Aspect Ratio, Zoom position and size
- RS232 Upgradable
- Remote Control Software
- Ethernet interface: Optional
- **8 Preset memories for zoom settings**



ANALOG WAY®

Connecting the BSC730:



Technical Specifications

Computer Input

- For PC, Mac and Workstation
- DVI-D and RGB, RGBS, RGBHV with Automatic synchronization detection
- Resolution up to 1600x1200/60Hz & 1920x1200RB/60Hz
- Horizontal frequency from 31.5 to 130 KHz
- Vertical frequency up to 130 Hz

Outputs

- YCrCb; RGsB, RGBS: 0.7Vp/p + Sync. 0.3V - 75 Ohms
- S.Video: Y/C - 0.7Vp/p + Sync. 0.3V - 75 ohms
- NTSC/PAL: Composite Video - 0.7Vp/p + Sync. 0.3V - 75 Ohms
- Luma Key: Analog SD 0.7Vp/p - Same format as output - 75 Ohms
- Frame Lock: TTL Level - Output frame rate

ANALOG GENLOCK

- Input: Black Burst PAL/NTSC
- Output: Active loop through

User Controls and Connectors

FRONT PANEL:

- Stand by On/Off
- Frame recall
- Freeze
- Under/Over scan
- Aspect ratio: 1/1 - Cropped - Full Screen
- Zoom up to 1000%, linear pan & scan & Finder

- Position and size
- LCD screen and control buttons for:
 - Input type and status
 - 8 level anti-flicker
 - RGB & Black level adjustment, sharpness
 - Output format selection
 - Genlock phase adjustment (H&fsc)

REAR PANEL

- Input Connectors:
 - DVI-I Female: (Digital computer in only)
 - HD15 Female (Analog computer in)
 - BNC (Genlock in)
- Output Connectors:
 - DVI-I Female: Active loop through
 - HD15 Female: Active loop through
 - BNC (x4): YUV & RGsB/RGBS
 - 4 pin Mini DIN: S. Video
 - BNC: NTSC / PAL
 - BNC: Genlock Active loop through
- BNC: Analog Luma key out
- BNC: Frame lock out
- Miscellaneous:
 - DB9: RS232 for remote control
 - RJ45: Optional Ethernet connection
 - AC Main connector with On/Off switch

Power Supply

- Internal, universal, automatic, 100-250 V; 50/60 Hz; 40 W (UL, CSA, GS, CE)

Supplied with

- 1 x AC power cable
- 1 x Remote control software
- 1 x User manual on CD-ROM

Dimensions:

- 1U, 19" compatible
- D 10.4" x W 19" x H 1.74"
- D 265 mm x W 482 mm x H 44 mm

Weight:

- 3.3 kg / 7.3 lbs

Warranty:

- 3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice