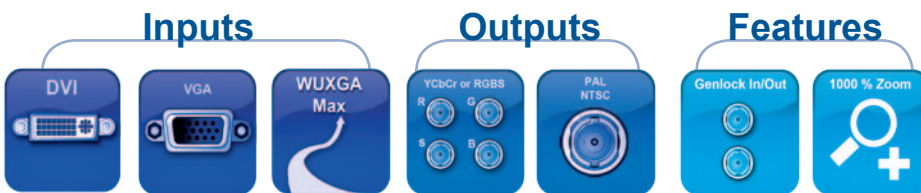
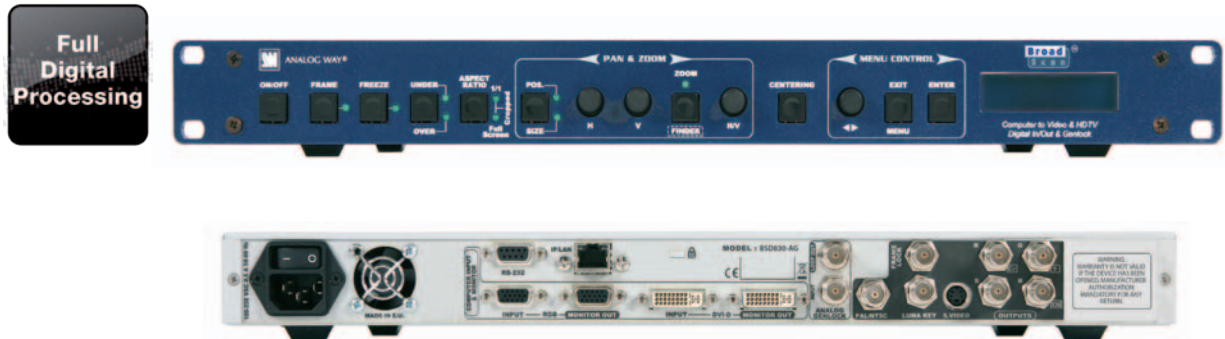


Broad Scan

Ref. BSC730

Very High Resolution 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 part of an image zoomed
- > 8 Preset Memories for zoom settings

Reference

- > [BSC730: Broad Scan](#)

Option

- > [OPT-LAN: TCP/IP Control Interface](#)

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

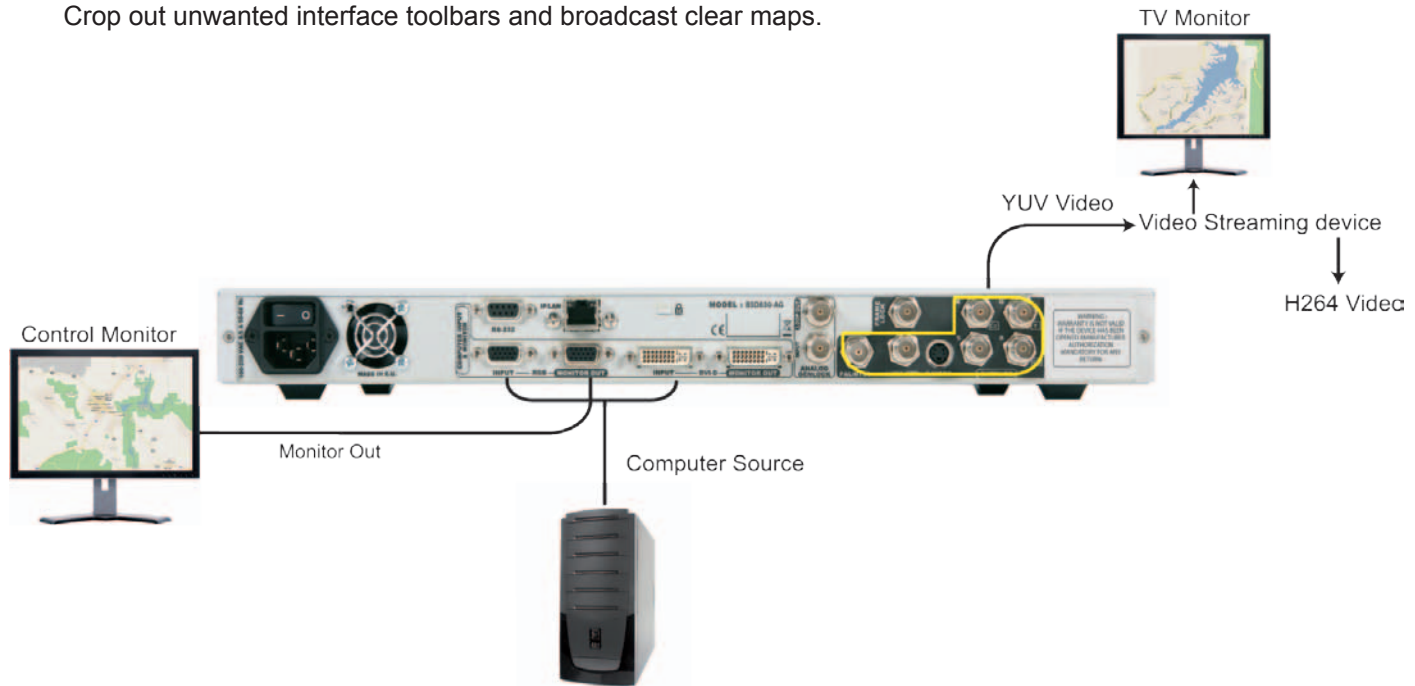
- Multi-level anti-flicker
- Horizontal & Vertical filters
- 16/9, 4/3, special sized and cropped output
- Pan & zoom resizing up to 1000%
- Zoom Finder
- Direct access functions: Freeze, Black, Under/Over Scan, Aspect Ratio, Zoom position and size
- RS232 Upgradable
- Remote Control Software (PC Only)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



ANALOG WAY®

Example of application with **BSC730**:

Crop out unwanted interface toolbars and broadcast clear maps.



The **BSC730** accepts incoming high resolution computer video signals and applies the perfect signal processing to optimize them for use with standard definition NTSC or PAL monitors, VCR or DVD recorders.

Technical Specifications

Computer Input

- For PC, Mac and Workstation
- DVI-D and RGsB, 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-D Female: (Digital computer in only)
 - HD15 Female (Analog computer in)
 - BNC (Genlock in)
- Output Connectors:
 - DVI-D 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 Power supply cord
- 1 x Remote Control Software (RCS) (PC Only)*
- 1 x User Manual*

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



* All RCS, User Manuals and Quick Start Guides are available on www.analogway.com