


Boxxster



Boxxster

Uncompressed file-based disk recorder & player.

 Application Note for AV & Presentation

- Compact, low power, low noise
- SD, HD & 2k record & playback
- Frame accurate control via RS422 using standard protocols as Sony, Louth, Odetics
- Show control & network control interfaces

▲ Technical Specifications and Comparison (click to show)

Overview:

Model	Application	Color Space	max. Resolution	Video-HDDs
Boxxster	Broadcast; AV	YCrCb	1080i25; DCinema	8 x SATA
Boxxster 2k	Postproduction	YCrCb; dual-link RGB	1080p50/p60; 2k	8 x SATA

Basic hardware

- Compact sized desktop system
- Motherboard with 1066/1333/1600 MHz FSB
- Intel Core i7 860 QuadCore 2.80GHz/8MB CPU (Upgrade optional)
- 1 x 2048MB RAM
- GB Ethernet, RJ-45
- 320 GB S-ATA-System HDD
- WindowsXP Pro operating system
- 525W high efficiency power supply

Shuttle Pro

- Remote Control Panel with USB interface

Timecode/Keycode/Inkcode

- input and output via HD-SDI (RP-188/RP-215)
- input and output via RS.422 (VITC, LTC)
- output via analog audio (LTC)

QuickClip Pro Software SD, HD & DVI

- DDR Software from Drastic Technologies
- graphical user interface with advanced EDL I/O
- ClipControl and ClipEdit / trim
- HSDL & HD control
- loop modes
- External Serial VTR Control: Sony, Harris (VDCP) and Odetics
- VTR/DDR Serial Emulation: Sony, Harris (VDCP) and Odetics
- EDL support: Avid Log, CMX, Sony, GVG, D-Vision, Drastic EDL, Drastic LOG
- Play List, Loop, Sub-Clip
- Film Space Mode: Film Space
- QuickClip PRO supports:
 - QuickTime 8/10bit .mov
 - Windows Media 9 8/10bit .wmv
 - HDR-YUV-RAW Stream .hdr/.yuv
 - AVI in 4:2:2/YUV 8/10bit .avi
 - YUV stills 8/10bit .yuv/.v210
 - Aiff/Wave

SyncControl Software

- SyncControl allows user to control multiple Boxxster for frame accurate synchronized capture or playback. Record multiple streams for stereo imaging, output multiple synchronized sources for panoramic and wall display applications.

Web Control

- Web Control allows user to control the Boxxster from anywhere in the LAN via TCP/IP via HTML or JAVA interface.

MediaReactor (uncompressed option*)

- MediaReactor software is a powerful tool for transcoding digital media files, with a wide range of file format support, features to ease your workflow and a convenient, intuitive interface for ease of setup and operation.
- DELUXE version (no limitation on the output formats) as option.

* transcodes a wide range of file formats to uncompressed (i.e. MOV) files.

Comparison Table:

	Boxxster	Boxxster 2k
Graphics PCI-Express	NVS290	NVS290
hot-swap SATA disk bays	8x	8x
SD & HD & HSDL I/O		
Dual-Link HD	-	X
4:2:2	X	X
4:2:2:4, 4:4:4	-	X
number of channels	1	1
Genlock input / loop through, 2xBNC	X	X
HD/SD analog component video inputs, 12 bit, 3 x BNC	X	-
HD/SD analog component video out, 12 bit, 3 x BNC	1	1
Broadcast quality 10bit down-converter for video output (4:2:2 only)	X	X
Broadcast quality 10bit up-converter for video output (4:2:2 only)	-	X
AES/EBU digital audio inputs & outputs	2x	8x
XLR/BNC (2 channel preview analog audio)	2x	8x
Number of embedded audio channels (48kHz) with 16, 20, 24, 32 bit	8x	16x
19" breakout box		
XLR & BNC connectors for audio	optional Model 1	optional Model 2
BNC connectors for HD /SD I/O		
External Control Interface		
RS-422 output for deck/VTR control	3x	3x
RS-422 input for external control	1x	1x
Video Raster (SDI/HD-SDI)		
SD: 720x576/60i @50i 720x480/486/512 @59.94i	X	X
HD: 1280x720 @50p, 59.94p, 60p 1920x1080 @23.98p, 24p, 25p, 30p 1920x1080 @23.98sf, 24sf 1920x1080 @50i, 59.94i, 60i	X	X
1920x1080 @50p/60p (dual-link 4:2:2)	-	X
2048x1080 @23.98p, 24p 2048x1080 @23.98sf, 24sf	X	X
HSDL: 2048x1556/2048x1536 @14.98p, 15p	-	X
2k Center Cut Playback via HD-SDI: 2048x1556/2048x1536 @24p/25p as Center Cut with 1920x1080	-	X
DVI/VGA Raster (graphic output)		
VESA 640x480 up to 1600x1200 @72p HD progressive & custom raster up to 2048x1080 @24/25p	X	X
Advanced File System with:		
TGA, TIFF stills 8bit .tga/.tiff Cineon and DPX stills 8/10b .cin/.dpx	optional	optional
Available Disk Space (TB)*	1.2 2.4	1.2 2.4
* 1TB = 12.5h @ SD/PAL YCrCb8b 10.0h @ SD/PAL YCrCb10b 2.5h @ 1080i25 YCrCb8b 2.0h @ 1080i25 YCrCb10b 1.2h @ 1080i25 RGB 10b		

These are the specifications of our basic models.

Specifications are subject to change without notice.

We can customize our Boxxsters to exactly match your needs.

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