

	VirtualVTR	VirtualVTR Pro	Doremi V1	Pro Tools	ProTools QT DV	ProTools QT	ProTools (8)
<b>Performance</b>	(DeckLinkSP)	(DeckLinkSP)		(AV10)	(eg Canopus)	(Igniter LT)	(AVXL)
Digi-Compatibility Approved	<b>YES</b>	<b>YES</b>	YES	YES (11)	YES	YES	YES (11)
Follow Region Trim Start	<b>YES</b>	<b>YES</b>	YES	YES	<b>NO</b>	<b>NO</b>	YES
Follow Region Trim End	<b>YES</b>	<b>YES</b>	YES	YES	<b>NO</b>	<b>NO</b>	YES
Pro Tools CPU Load	<b>Zero</b>	<b>Zero</b>	Zero	<b>Significant(2)</b>	Moderate	Moderate	Moderate
Pro Tools PCI Load	<b>Zero</b>	<b>Zero</b>	Zero	Low (2)	Low	<b>Significant</b>	<b>Significant</b>
Maximum Picture Quality	<b>1 to 1</b>	<b>1 to 1</b>	2 to 1	1 to 1	5 to 1	1.5 to 1	1 to 1
Tight scrub on Video Out	<b>YES</b>	<b>YES</b>	YES	<b>NO(1)</b>	<b>NO(1)</b>	YES	YES
<b>Video / Interfacing</b>							
Composite Video I/O	<b>YES</b>	<b>YES</b>	YES	YES	YES	YES	YES
Component Video I/O	<b>YES</b>	<b>YES</b>	NO(option)	YES	NO	NO	YES
SDI Video Out	<b>YES</b>	<b>YES</b>	NO(option)	YES	NO	NO	NO (option)
PCI Slots in Pro Tools CPU	<b>0</b>	<b>0</b>	0	(see note 2)	0	<b>1</b>	<b>2(scsi reqd)</b>
<b>Native Format Compatibility</b>							
Play DV QT Movies	<b>YES</b>	<b>YES</b>	NO	NO (7)	YES	NO	NO
Play MJPEG A QT Movies	<b>YES</b>	<b>YES</b>	NO	NO (7)	NO	YES	NO
Uncompressed Video	<b>YES</b>	<b>YES</b>	NO(option)	YES	NO	NO	YES
High Definition Video	<b>YES(3)</b>	<b>YES(3)</b>	NO(option)	NO	NO	NO	NO
Play DVCPPro	<b>YES</b>	<b>YES</b>	NO	NO (7)	NO	NO	NO
Play DVCPPro50	<b>YES</b>	<b>YES</b>	NO	NO (7)	NO	NO	NO
Play Avid Meridian Video	<b>YES(4)</b>	<b>YES(4)</b>	NO	YES	NO	NO	YES
<b>Misc Functions</b>							
Super TC/F+F Window Burn	<b>NO (option)</b>	<b>YES</b>	NO	NO	NO	NO	NO
Integrated ADR Video Streamer	<b>NO (option)</b>	<b>YES</b>	NO	NO	NO	NO	NO
24 FPS Play with 3:2 Pull Up	<b>YES</b>	<b>YES</b>	NO	NO (5)	NO	NO	YES
24 FPS Record	<b>YES</b>	<b>YES</b>	NO	YES	NO	NO	NO
Video Capture to timeline	<b>YES</b>	<b>YES</b>	YES	<b>NO (6)</b>	<b>NO</b>	<b>NO</b>	YES
PC/Mac Pro Tools Compatible	<b>YES (8)</b>	<b>YES (8)</b>	YES	NO (11)	YES	NO	YES
PC/Mac Nuendo Compatible	<b>YES</b>	<b>YES</b>	YES	NO	YES	NO	NO
Multi-User Control (9)	<b>YES</b>	<b>YES</b>	NO	NO	NO	NO	NO
<b>Price / value for Money</b>	<b>from \$3400</b>	<b>From \$4100</b>	<b>c \$7000</b>	<b>\$11,995</b>	\$299	<b>\$999</b>	<b>\$11,995 (10)</b>
	<b>incl Mac&amp;LCD</b>	<b>incl Mac&amp;LCD</b>					

Notes:	
<b>1</b>	Scrubbing: Canopus DV Out incurs 8 frame hardware latency which renders it unusable for scrubbing  Scrubbing: AV10 Video Out incurs significant latency which renders video out unusable for scrubbing, instead users must use Pro Tools screen scrub window
<b>2</b>	PCI / CPU Load : AV10 uses the Host CPU for some video decompression, which can be a significant additional load. Also, it precludes the use of the built in Firewire ports for drive access, so an additional Firewire PCI Card may be necessary  PCI / CPU Load : AV10 uses very high data rate firewire transfer which shares PCI bandwidth on some CPUs. This effectively eliminates the use of some PCI slots  PCI / CPU Load : At the time of writing AV10 is not compatible with Mac. Also AV10 only supports HD or ACCEL systems, so PT24, Mix and all LE platforms are NOT supported
<b>3</b>	Hi Def Video : DeckLink SP card can play high definition video with real time down convert to PAL/NTSC out. Use optional DeckLink HD for HD-SDI out
<b>4</b>	Avid Video Compatibility : VirtualVTR can play QT wrapped Avid Meridian OMF video on OSX, and QT Wrapped ABVB/Meridian OMF Video on OS9
<b>5</b>	24 FPS Playback with 3:2 pull up : VirtualVTR and DeckLink play 24 FPS video with real time 3:2 pull up for NTSC video out  24 FPS Playback with 3:2 pull up : Pro Tools+AV10 cannot perform real time 3:2 pull up, and so it repeats frames, which causes video stuttering  24 FPS Playback with 3:2 pull up : IgniterLT cannot perform real time 3:2 pull up, and so it repeats frames, which causes video stuttering.
<b>6</b>	Video Capture To Timeline : AV10 requires media to be captured into the external Media Station application before transfer to Pro Tools. Video is timestamped.  Video Capture To Timeline : V1 and VirtualVTR capture Media with timestamp in place ready to playback immediately in sync.  Video Capture To Timeline : Canopus and Igniter video must be captured in 3rd party application and cannot be timestamped for Pro Tools so a manual spot into place is required
<b>7</b>	Format Compatibility : AV10 requires Avid format movies, and QuickTime DV, DVCPPro and DVCPPro50, MJPEG etc must be converted to OMF in MediaStation
<b>8</b>	PC/Mac Pro Tools Compatibility : Since VirtualVTR runs on a dedicated Mac CPU, it supports both Mac and PC Pro Tools systems as controller.  PC/Mac Pro Tools Compatibility : IgniterLT runs on Mac Only
<b>9</b>	Multi-User Control : On a Multi-Pro Tools mix stage, it is desirable to control the picture from all systems. VirtualVTR can merge control information  from Several Pro Tools sources with all machines having complete stop/play/scrub/shuttle control at all times. Any Pro Tools system can be taken offline for editing without  removing the picture source for the other Pro Tools Systems.
<b>10</b>	AV/XL Price : Since AV10 is not currently available on Mac, AV/XL is sold with future upgrade to AV10 at AV10 Price.
<b>11</b>	AV/XL Compatibility : AV/XL has limited compatibility, requiring specific versions of Pro Tools, SCSI Cards, etc. Other compatibility issues also apply  AV10 Compatibility : At the time of writing, AV10 was not supported on Macintosh, Also AV10 only supports HD or ACCEL systems, so PT24, Mix and all LE platforms are NOT supported
<b>N.B</b>	All data was compiled from a study of information published by the various vendors, and through testing. E&OE, please contact info@gallery.co.uk if any of this information is incorrect  The VirtualVTR system in the comparison was based on a Dual G4 1.25GHz CPU, with a DeckLink SP Card. Similar results can be obtained using  VirtualVTR with Aurora Pipe, PipePro and Igniter X cards, DeckLink Pro or HD, Kona SD / HD and other cards, with some small variations in Spec.  In some cases a slower CPU will suffice. When using Video Streamers a faster CPU is recommended, eg a dual G5