

VCube Turnkey family features and options	Turnkey HD Player	Turnkey HD Recorder	Description
<b>Software Features</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Software Features</b>
VCube Player	x	x	Video Payout
Video Container Support	x	x	MOV, MXF, AVI, MP4
Audio File Support	x	x	PMF, AIF, OMF, WAV, BWF, AVI, QT, MP3
Graphic Card Out	x	x	Outputs up to 4K video to DVI, VGA or HDMI monitor
RS-422 Sony P2 Machine Control		x	Uses Black Magic RS-422 port to control ext devices
Virtual Transport 2	x	x	VT server for Pyramix synchronization over IP
<b>Software Pack Process Capabilities</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Software Pack Process Capabilities</b>
Render/Wrap	x	x	Media rendering and/or wrapping enabled
Video Record		x	Video recording through Black Magic Decklink (or AJA)
<b>Video Codec Options</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Video Codec Options</b>
IMX/D-10/XDCam SD	Op	Op	30, 40 & 50 Mb/s MPEG2 SD - MPEG & MXF
MPEG2-HD/XDCam HD	Op	Op	Compatible MPEG & MXF file formats
DVCPPro/DV50	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
DVCPPro HD/DV100 (DV50 Included)	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
VC-3/Avid DNxHD	Op	Op	Compatible MXF, MOV, AVI & Cube file formats
AVC-Intra/P2	Op	Op	Compatible MXF, AVI & Cube file formats
H.264 video encoder	Op	Op	Compatible MOV & MP4 file formats (render/wrap only)
<b>Import</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Import</b>
AAF	Op	Op	Advanced Authoring Format EDL import and relinking
Apple FCP	Op	Op	Apple Final Cut Pro xml EDL import and relinking
OMF	x	x	Open Media Framework EDL import and relinking
VCube Composition	x	x	Selective VCube EDL import and relinking
Still Image Convert	x	x	Still image to video DPX, JPG, PNG, etc...
<b>Hardware Options</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Hardware Options</b>
USB Sync Board	Op	Op	Video reference/LTC/RS-422/MIDI/Bi-Phase
Black Magic Decklink Studio 4K Video Board		x	Black Magic Decklink Video Board enabled
Merging PC Chassis	x	x	Merging's Quintessence aluminum 4U rack chassis
<b>Black Magic Audio/Video board I/O Specs</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>Black Magic Audio/Video board I/O Specs</b>
Analog Audio		x4ch	Balanced Analog XLR
AES Digital Audio		x2/6ch	Balanced Digital XLR (default 2, switchable to 6)
SDI Embedded Audio		x16ch	16 Channels embedded in HD/2K/4K. 8 Channels in SD
HDMI Embedded Audio		x8ch	8 Channels embedded in SD, HD, 4K
Video I/O		x	SD/HD/Ultra HD 6G-SDI BNC, HDMI 1.4b
Composite Video		x	Analog composite, S-video
Component Video		x	Analog SD/HD component BNC
<b>AJA Audio/Video board I/O Specs</b>	<b>HD PLAY</b>	<b>HD REC</b>	<b>AJA Audio/Video board I/O Specs (Legacy)</b>
Analog Audio		x2ch	Balanced Analog XLR
AES Digital Audio		x2ch	Balanced Digital XLR
SDI Embedded Audio		x8ch	SDI BNC
SD/HD SDI BNC		x	SD/HD SDI BNC
Composite Video		x	Analog BNC
Component Video		x	Analog BNC

**Op = Optional**

**\*\*VCube MXF Compatible Video Codec List\*\***

DV - free of charge
Sony XDCam SD/ IMX - optional
Sony XDCam HD/MPEG2 HD - optional (includes IMX/D-10)
Panasonic AVC-Intra/P2 - optional
Panasonic DVCPPro 50 - optional
Panasonic DVCPPro 100/HD - optional (includes DVCPPro 50)
Avid VC-3/DNxHD - optional
H.264 Encoder - optional