

## Options

Option	Description	Fulcrum AT/12G	Fulcrum ATM/12G	Dominator AT/3G	Dominator AT/12G	BlackJack AT/4K
Transfer	Ability to transfer any clip or playlist to network integrated servers with the same option	Included	Included	Included	Included	Included
Game Analyzer	Telestrator for imposition of graphical elements (line, arrow, curved arrow, circle, etc.) and free hand drawing on live video. Best with Wacom Cintiq tablet (not included)	Included	Included	Included	Included	Included
DMR™ (Direct Movie Record)	Multi-Channel Recording direct in NLE native file formats (DVCPRO HD codec)	Included	Included	Included	Included	Included
Support of 4K	Allows working with 4K video in Replay and Recording mode	✓ 4 Rec + 4 Search + 2 Play + FX	✓ 4 Rec + 4 Search + 2 Play + FX	✗	✓ 6 Rec + 6 Search + 2 Play + FX	✓ 4 Rec + 4 Search + 2 Play + FX
Multipack codecs	Supports of: Apple ProRes; AVID DNxHD™; XDCAM422 50Mbit; AVC-Intra 100; XAVC; AVC-Intra 50	✓	✓	✓	✓	✓
XAVC 4K hardware codec	Supports: AVC-Intra 100; XAVC; AVC-Intra 50 for all resolutions (4K/HD/SD)	✓	✓	✓	✓	✗
Additional Replay Workplace	Each additional replay operator's work place for 3G/HD mode, including remote controller	✗	✓ 1	✓ 1	✓ 1	✓ Up to 3
SSD Storage Expansion*	Built-in storage expansion to 532 hrs. of 100 Mbit HD video	✓	✓	✓	✓	✓
Fibre Channel*	Hardware option for connection to FC RAID/SAN. Provides high speed (16Gbit) reliable integration with external file storage. Available for any Level 16G SAN compatible system	✓	✓	✓	✓	✓

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Super Motion	Support for 2x, 3x, 4x Super Slow Motion HD Camera	✓	✓	✓	✓	✓
Xtra Motion	Support for 6x GVG LDX-86 HS/XS and Panasonic AK-HC5000 GVG 4X (200P) cameras	✓	✓	✓	✓	✓
HyperMotion	Support for 1000FPS Ikegami HiMotion-II camera (Requires from 1 to 3 dedicated SDI inputs). Includes Special HiMotion-II camera Remote cable	✓	✓	✓	✓	✓
Export	MXF/QT Export of recorded material in native Apple Final Cut and Avid MC files with DVCPro / ProRes / AVID DNxHD™/ XDCAM422 50Mbit / AVC-Intra 100 / XAVC / AVC-Intra 50 codecs	✓	✓	✓	✓	✓
VideoServer	Fixed time delay (~3-25 sec.) of Program/Out used in Live Broadcasts	✓	✓	✓	✓	✓
ACADEMY 8	Software option for servers with up to 8 HD/SD recording channels. Creates a video control room simulator by providing emulation of multiple synchronized inputs. Used for individual and team training of operators and directors	✓	✓	✓	✓	✓
ACADEMY 16	Software option for creating a video control room simulator for individual and team training of operators and directors. Supports 2 servers with emulation of up to 16 "live" cameras in HD and SD resolution. Includes support of specialized control console	✗	✗	✓	✓	✓

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CARRYING CASE	Protective carrying case. Assures convenient, easy handling of all system components	✓	✓	✓	✓	✓
<b>External equipment</b>						
DMR™ Station 8	External hot-swappable toolless/trayless 8-bay rack for standard 3.5" SATA hard drives suitable for DMR™ recording. Includes PCI-Ex8 Adapter and 2 meter connection cable. Transfer speed: up to 1Gbytes/sec	✓	✓	✓	✓	✓
DMR™ Station 12	External hot-swappable toolless/trayless 12-bay rack for standard 3.5" SATA hard drives suitable for DMR™ recording (video recording direct into native NLE file formats). Includes PCI-Ex8 Adapter and 2 meter connection cable. Transfer speed: up to 1.5 Gbytes/sec	✓	✓	✓	✓	✓

Note:

\* – Available at ordering