Video Inputs	Connectors	(2) DVI-I (Dual Link) / HDMI™[1] / VGA[1] / Component[2] (2) SDI (3G-SDI, HD-SDI, SD-SDI) (2) S-Video / composite[3] (NTSC/PAL)
	Resolutions	VESA modes: 640×480 to 2048×2048; Custom resolutions
	HD Video Format Options	RGB plus separate HSync and VSync signals; RGB plus CSYNC signal; RGB with Sync-on-Green synchronizationDVI dual link
Audio Input	Connector	(3) ⅛" (3.5mm) stereo analog audio
	Input Levels	Mic and line-in
Video Encoding	Video Codec	H.264, MPEG-4, Motion JPEG
	Video Bit Rates	Configurable up to 10 Mb/sec
	Key Frame Intervals	Programmable
	Color Resolution	YUV 4:2:0
	Frame Size	Configurable up to 2048×2048 (2560×1600 widescreen)
	Frame Rates[4]	80 fps @ 640×480, 60 fps up to 1920x1080p, 15 fps @ 2048×2048

		Encoder	Bitrate	Sample Frequencies
Audio Encoding	Audio Codec			
		MP3	64-192kbps	22 kHz, 44 kHz, 48 kHz
		PCM	–	22 kHz, 44 kHz, 48 kHz
		AAC	64-192kbps	16 kHz, 22 kHz, 44 kHz, 48 kHz

Network Interfaces	Connector	(1) 10/100/1000 Ethernet RJ45
Streams	FLV, ASF, and MJPEG over http	
	RTSP over TCP/UDP	
	RTMP and RTSP for publishing to a streaming server or CDN	
	HLS (Native Apple HTTP stream for iPad, iPhone and iPod Touch)	

Multicast Streams	RTP, MPEG-TS and MPEG-TS/RTP over UDP	
Network Discovery / Announce	UPnP, SAP	
Video/Audio Recording and File Management	Internal Storage	6 TB HDD (removable) or option for 1 TB SDD (removable)
		Unlimited storage when configured with local or network attached storage, enabling 24/7 recording.
		Automatically removes oldest recordings from internal storage as space is required.
		File maintenance through admin interface (Web UI)
	Local Storage	Automatic copy to local USB drives via six USB 3.0 ports
	Network Storage	FTP server and FTP client capabilities (automatic and manual)
		SFTP/SCP/RSYNC/CIFS synchronization
	Playback and Recorded Formats	Download recorded videos (AVI, MP4, MPEG-TS or MOV) using the Web UI and playback through any compatible player.
Administration	Web UI for administration. Includes multiple user roles (admin, operator and viewer).	
	Included API for integration into existing environments (executed via HTTP or RS-232). Creston/AMX ready.	
Time Synchronization	NTP, TIME (RFC 868), PTP v1 (IEEE-1588-2002 V1)	
Product Dimensions	2 U Rackmount: 19.4″ × 16.6″ × 3.5″ (493 mm × 422 mm × 88 mm)	
Product Weight	18.2 kg / 40 lbs	
Country of Origin	Final Assembly and Manufacturing: North America (Canada)	

VGADVI Recorder Pro Technical Specifications

[1] Using DVI-I port, with the supplied adapter or cable
[2] Requires component to VGA adapter (not included)
[3] Using S-Video port with the supplied adapter
[4] Results obtained running all DVI-I ports at specified resolution actual fps performance may vary with specific video content. Real-time scaling (especially to different aspect ratios) may result in decreased fps performance