



LIVE STREAMING PRODUCTION SUITE

KM-IP6000 (6-input)



CONNECTED CAM STUDIO

The centerpiece of a complete IP workflow for news, sports, worship and education.

Main Features

- Intuitive and easy-to-use touch screen user interface
- HD-SDI input, IP stream input, NDI input (6 x)
- 1 x Ingest input for HDMI or NDI with transparency
- IP video stream inputs from JVC streaming camcorders
- Integrated JVC camcorder remote control
- External signal ingest with keying (for PowerPoint, Keynote, Facebook, GoPro or even a smartphone camera)
- 1 x HD-SDI video out
- 1 x HDMI video out – PGM
- 1 x HDMI/Display port video out – multiview or PGM
- Up to 1080 @ 50/60p streaming @10Mbps max
- RTMP & MPEG-TS simultaneous output
- Cut/Crossfade/Transitions automated switching modes
- Monetizing system with advertising statistics
- Internal character generator with templates
- 4 layers of DSK – CG/images/animations with transparency
- Instant, unlimited video clips playback – No transcoding!
- Unlimited playlists – Media management/playout
- PIP and split screen layouts

Replay and Slow Motion

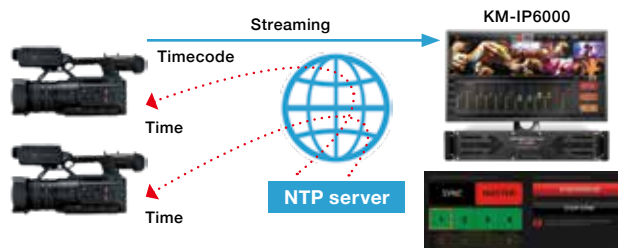
- Multi-channel instant replays with slow-motion
- Replay matrix playout system with playlists
- Dynamic replay camera switching
- Sequential replay playback
- Freeze frame in replays
- Replay lead in/out animations
- Ingest on/off automation in replays

Return over IP

- KM-IP6000 can use return video/IFB while streaming live to air via IP thanks to a new platform. This allows reporters and camera operators to wirelessly receive directions from the station.

Multi-camera Synchronization

- KM-IP6000 is equipped with multi-camera synchronization, Network Time Protocol synchronized encoders.



Zero Config Capability

- Provides automatic detection of JVC camcorders within the same LAN group, and simple setting up of connections with the KM-IP6000.

SRT

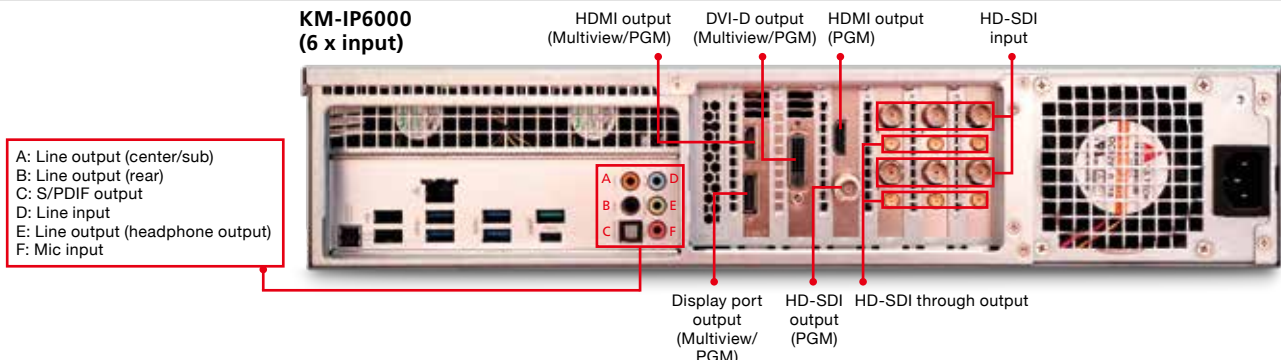
- KM-IP6000 can be dynamically adjusted for optimal stream performance and quality. SRT decrypts the stream and enables recovery from packet loss typical of internet connections.

CONNECTED CAM STUDIO

Specifications

Specifications			KM-IP6000	
Features	IP Video stream input		x 6 NDI, RTSP, RTMP, UDP unicast, UDP multicast, HLS,SRT	
	Replay channels		x 4	
	NDI (IP) output		x 1	
	Ingest input with transparency (external GFX)		NDI (IP)	
	External multi-screen		Extended screen output using HDMI configurable to full PGM/All inputs grid/All inputs + PGM grid	
	Graphics DSK unlimited		4 layers of DSK with full transparency support 1. CG – Character generator output 2. OVERLAYS – animations in .flv or images in .png format 3. LOGO (BUG) – animations in .flv or images in .png format 4. INGEST – HDMI/DVI Input with hard color keying or IP/NDI Input (NDI input with alpha)	
	Recording		ISO recording in MPEG2 Intraframe HD: MPEG2 @ 18 Mbps or SD: MPEG2 @ 8 Mbps Simultaneous stream recording MPEG-4 AVC/H.264, MP4 (.flv)	
	Live streaming		Up to 1920 x 1080 30p/25p 10 Mbps (Max) Up to 1280 x 720 60p/50p 10 Mbps (Max) (H.264+AAC) RTMP, MPEG2-TS/UDP	
	Audio mixer		Integrated, full featured audio mixer with monitoring, videofollow, muting, peaking	
	Return over IP		RTSP/RTP (PULL) (Video and Audio), IFB (Audio): Iccast	
Video	Supported video input formats		1920 x 1080 / 59.94i, 50i, 30p, 29.97p, 25p 1280 x 720 / 60p, 59.97p, 50p, 30p, 29.97p, 25p	
	Supported media playback formats		mp4, m4v, wmv, mpg, mpeg, ts, avi, flv	
	Video processing		Full 4:4:4:4 / ARGB / progressive video processing	
Audio	Input	Analog	Line x 1, Mic x 1 (ø3.5mm connector)	
		HD-SDI	HD-SDI (EMBEDDED AUDIO)	
		IP	IP (EMBEDDED AUDIO)	
		USB	Support for USB audio device input via compatible WDM audio	
	Output	Analog	Line x 1, Mic x 1 (ø3.5mm connector)	
		HD-SDI	HD-SDI (EMBEDDED AUDIO)	
IP		IP (EMBEDDED AUDIO)		
USB		Support for USB audio device input via compatible WDM audio		
Interface	Video	HD-SDI input	BNC x 6	
		HDMI input	—	
		HD-SDI output	BNC x 1	
		HD-SDI through output (SMA connector)	SMA x 6	
		HDMI output (PGM)	Type A x 1	
		GPU based HDMI Output (Multiview grid / PGM)	Type A x 1	
		DP (GPU) output (Multiview / PGM)	Display port x 1	
	Audio	DVI output (Multiview / PGM)	DVI-D 24pin x 1	
		Audio input / output		Line input x 1, Line output/Headphone x 1, Mic x 1, Line output (center/sub), Line output (rear), S/PDIF output
		USB	USB 3.1 Type-C	x 1
			USB 3.1	x 1
			USB 3.0	x 6 (front x 2, rear x 4)
			USB 2.0	x 2
		LAN	Network (LAN)	RJ-45 x 1, 1000BASE-T
Others	Remote	—		
Storage	Drive	Primary	240GB SSD *120GB for recovery data	
		Secondary	1TB SSD	
General	Power		AC100 – 240V, ±10%, 50/60Hz	
	Power consumption		Approx. 920W at maximum configuration	
	Operation temperature		10°C – 30°C	
	Storage temperature		0°C – 50°C	
	Operating humidity		8% – 80%	
	Net: weight and dimensions (W x H x D)		11.5 kg / Approx. 430mm x 88mm x 460mm	
	Gross (carton box): weight and dimensions (W x H x D)		14.0 kg / Approx. 600 x 580 x 220mm (keyboard included in the carton box)	
Provided accessories		Power code, CKBPROHDAPBHS KEYBOARD, USB mouse conversion cable from SMA to BNC x 6 pcs		

**KM-IP6000
(6 x input)**



The values for weight and dimensions are approximate.
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