



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

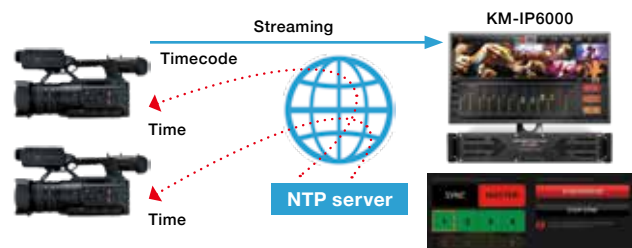
- Multi-channel instant replays with slow-motion
- Replay matrix playout system with playlists
- Dynamic replay camera switching
- Sequential replay playback
- Freeze frame in replays
- Replay lead in/out animations
- Ingest on/off automation in replays

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

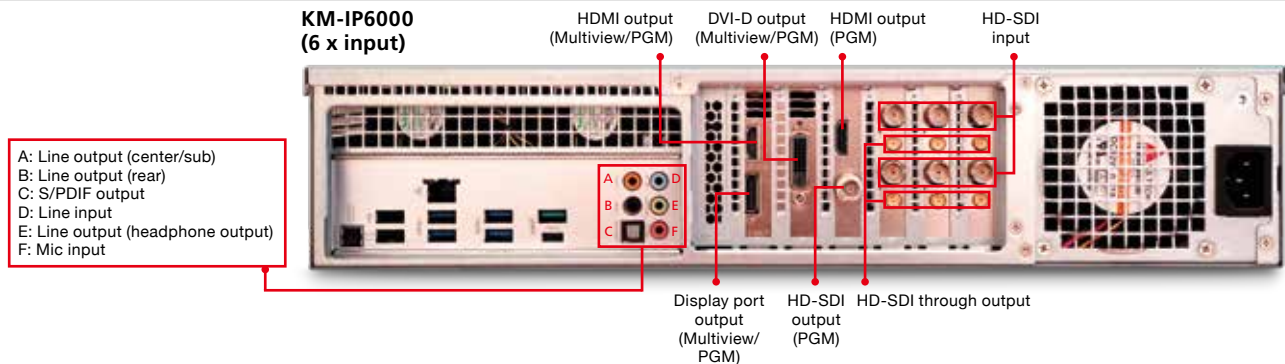
- KM-IP6000 can be dynamically adjusted for optimal stream performance and quality. SRT decrypts the stream and enables recovery from packet loss typical of internet connections.

CONNECTED CAM STUDIO

Specifications

		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 / 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)
	Output	Analog	Line x 1, Mic x 1 (ø3.5mm connector)
		HD-SDI	HD-SDI (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
	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, CKBPROHDAPBHUS 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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