

IV4K-1200

Cinematic Multicam Solution

The IV4K-1200 Series system optimizes the performance of cinema cameras in live production workflows. Users connect cinema cameras via SMPTE cables, achieving Video, Power, Intercom, Tally and Data control for multichannel communication and collaboration in live streaming and recording.

Compared to traditional 2/3-inch broadcast systems, Cinema cameras deliver superior dynamic range, cinematic color reproduction, and compatibility with various cinema lenses. This makes them increasingly popular for live news, sports events, musicals, concerts, and other real-time productions.

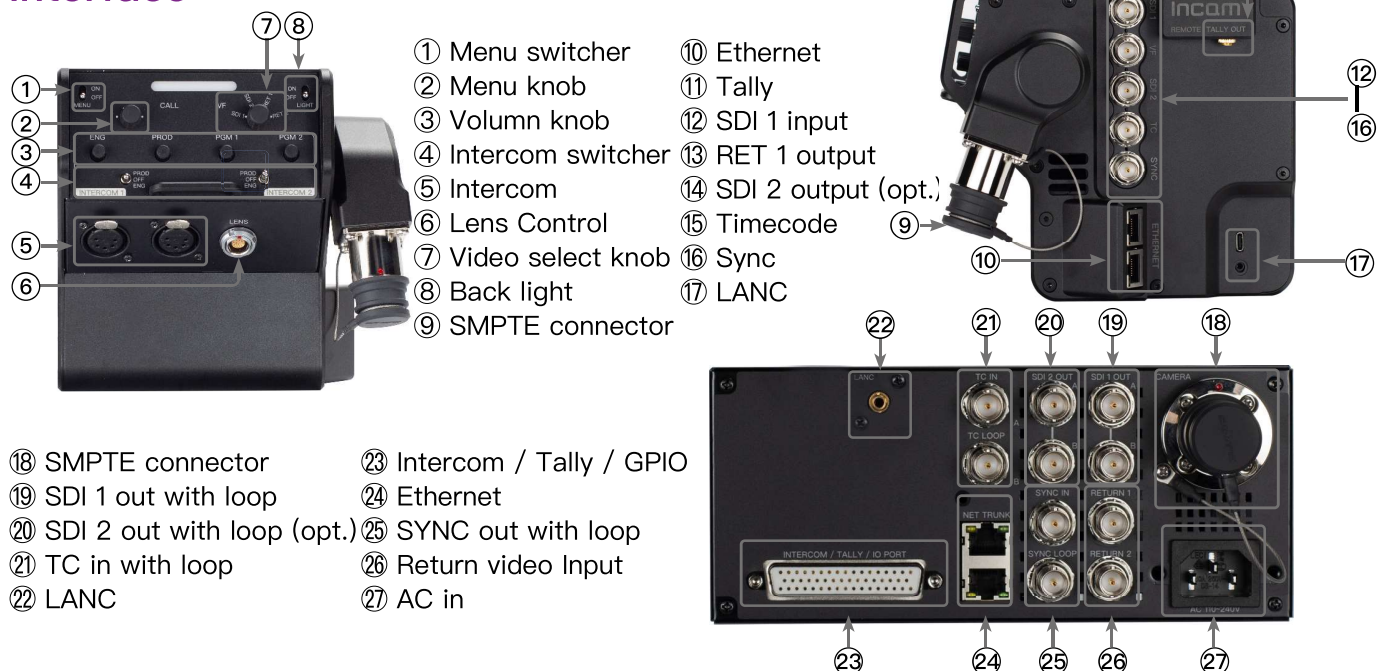
INCAM technology enables seamless integration of cinematic imaging capabilities into broadcast workflows.



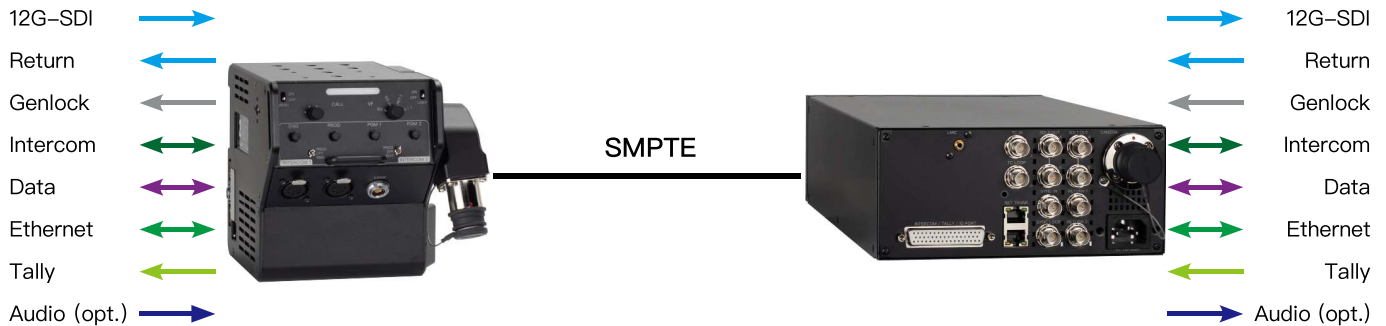
Feature

- Compatible with Canon C400 cinema camera, lenses and Canon RCP
- Provide V-mounted kit and Canon's exclusive kit for stable and reliable connection
- Supply power over 500m SMPTE cable for camera and filming accessories
- Simple and clear interface as the same as broadcasting system camera, easy to operate
- Support Video Return, Sync, Gigabit Ethernet, Intercom, Tally and Return video switching
- 2 x D-TAP power supply, support for external focus followers, monitors and other cine camera use requirements
- IVCU-1200 CCU using 2RU half-rack width chassis, compact size, standard with a 12G-SDI output
- Independent video channels with re-clocking and cable equalization, all input/output processing passed Pathological test

Interface



Application



Technical Specification

Dimension (L*W*H)	Weight	Consumption	Operating Temperature	Operating Humidity
IVCA-1200: 130×145×145mm IVCU-1200: 200×370×90mm	IVCA-1200: appr. 1.8kg IVCU-1200: appr. 3.8kg	AC 220V,250W (Max)	0°C to +40°C	20% to 80%

SDI	Signal Format	Impedance	Amplitude	Cable Equalization
BNC, reclocking and equalization	SMPTE ST 2082-1 SMPTE ST 2081-1	75Ω	800mV	50m, Belden 4794R

Jitter Align	Jitter Timing	Rising Time	Falling Time	DC offset
0.10UI	0.58UI	38ps	37ps	0V±10mV

IVCA-1200 Camera Adapter

SDI Input 1	SDI Input 2 (opt.)	VF Output	Timecode	Sync
BNC (×1)	BNC (×1)	BNC (×1)	BNC (×1)	BNC (×1)

Tally	LANC	Intercom	Lens Connector	Ethernet
Φ3.5 stereo mini jack	Φ2.5 stereo mini jack	XLR-type (×2)	12-pin (×1)	RJ45 (×2) 1000M

Cable connector				
SMPTE 304M (×1)				

IVCU-1200 CCU

SDI Output 1	SDI Output 2 (opt.)	Return Input	Timecode	Sync
BNC (×1) , loop	BNC (×1) , loop	BNC (×2)	BNC (×1) , loop	BNC (×1) , loop

Ethernet	Intercom/TALLY/GPIO	Cable connector	LANC	
RJ45 (×2) 1000M	DB-50 (×1)	SMPTE 304M (×1)	Φ2.5 stereo mini jack	