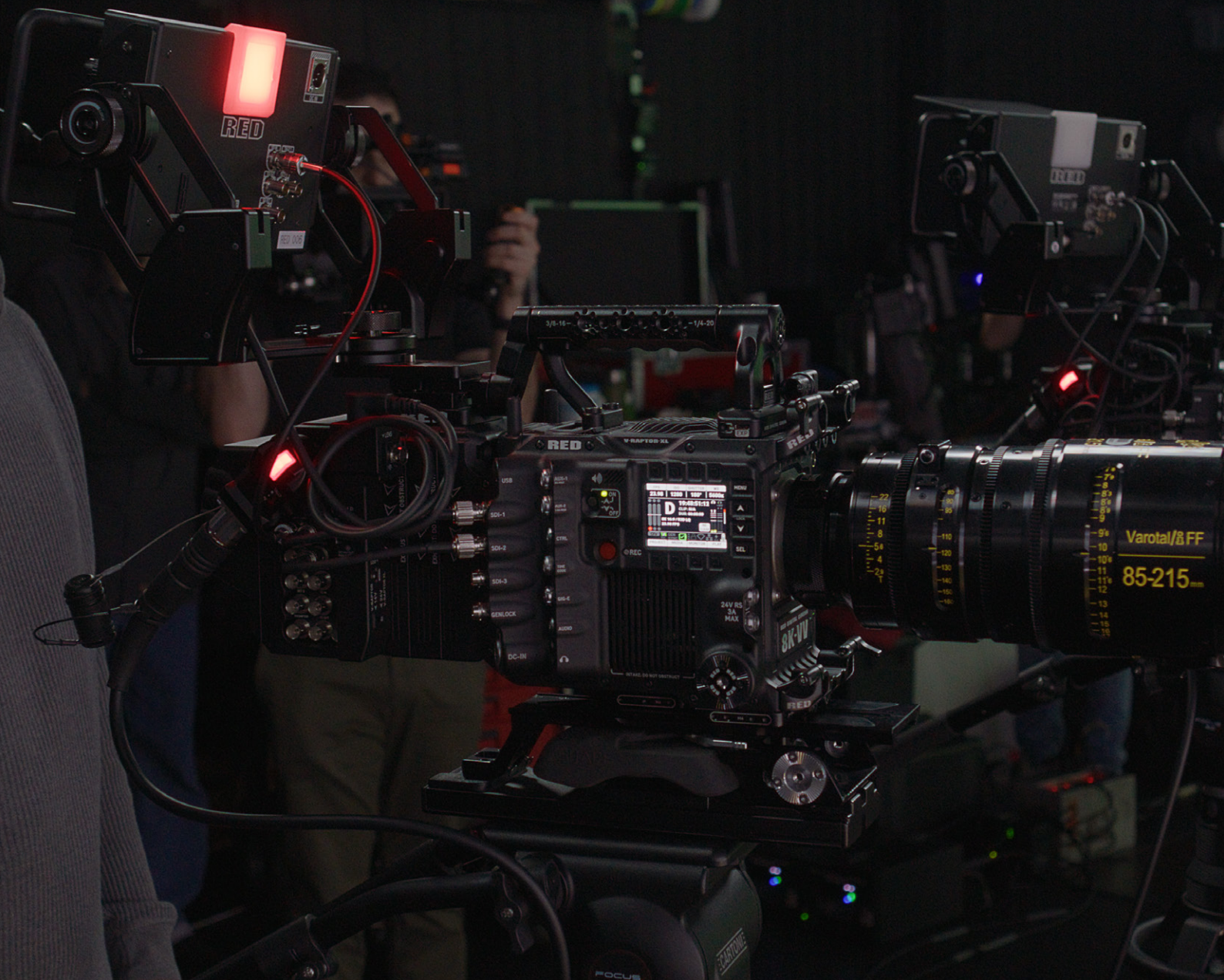


RED CINE BROADCAST

UNLOCKING THE RED CINEMATIC LOOK FOR BROADCAST AND LIVE EVENTS





- CINEMATIC LIVE BROADCAST:

Supports up to 2 channels of 4K 60P (HDR/SDR) over 12G-SDI.

- IP BROADCAST READY:

SMPTE ST 2110 (TR-08) with up to 4K 60P JPEG-XS.

- ADVANCED LIVE WORKFLOWS:

Features include slow-motion, AI/ML augmentation, and live streaming to headsets using 8K 120FPS R3Ds with RED Connect.

- HYBRID FIBER OPTICAL CABLE:

Utilizes SMPTE 311M/304M cables, connecting to a rack-mountable 2U full rack or 4U half rack base station.



RED CINE-BROADCAST MODULE

INPUT / OUTPUT			
SDI INPUT	SDI 1 / 2	BNC x2	12G/6G/3G/1.5G-SDI
SDI RETURN OUTPUT	RET OUT 1 / 2	BNC x2	12G/6G/3G/1.5G-SDI*
TELEPROMPTER OUTPUT	PROMPTER	BNC x1	12G/6G/3G/1.5G-SDI
GENLOCK OUTPUT	GENLOCK	BNC x1	Tri-level
TIMECODE INPUT	TC IN	BNC x1	SMPTE ST 12M
TIMECODE OUTPUT	TC OUT	BNC x1	SMPTE ST 12M
TIMECODE INTO CAMERA	TIMECODE	LEMO 5P	Timecode into camera
POWER			
DC INPUT	OPT	Via OPT Cable from Base Station	
	DC IN 14V	XLR 4P (male) 14V DC 14V	
POWER OUTPUT TO CAMERA	14V / 24V	Switch for V-RAPTOR (14V) or V-RAPTOR (24V) Output	
POWER OUTPUT	D-Tap USB-C	D-Tap x2 Max 14V/3.5A each USB-C x1 Max 1.5A	
AUDIO			
AUDIO INPUT	MIC IN 1 / 2	XLR 3P x2	MIC/LINE/Phantom +48V Analog 2 channels, balance, 0dBm
AUDIO INTO CAMERA	AUDIO	LEMO 5P x1	Audio input into camera's channel 3/4
INTERCOM			
INTERCOM HEADSET	INTERCOM 1 / 2	XLR 5P x2	Compatible with ClearCom, RTS and Protech
TALLY			
TALLY SIGNAL OUTPUT	TALLY	BNC x1	Green TALLY 1.0V - 3.0V / Red TALLY 3.1V - 4.5V
TALLY INDICATOR	Side panel	LED RED x1	High / Low / Off Switch
REMOTE			
REMOTE CONNECTOR	LENS	12P x1	Canon and Fujinon lens compatible
	REMOTE	12P x1	RS-232/RS-422 auto detect
	CTRL	LEMO 4P x1	CTRL protocol into camera
	GIG-E	LEMO 9P x1	1 Gbps for camera (for V-RAPTOR XL only)**
	USB	USB-C	1 Gbps for camera
LAN CONNECTOR	LAN	RJ45 x1	1 Gbps network trunk
RED CONNECT			
RED CONNECT FLYOVER CABLE	(Connects media port and adapter)	Proprietary Connector (10 Gbps)	Live 8K R3D or 4K JPEG-XS output via SMPTE ST 2110***
FIBER OPTICS			
CONNECTOR	SMPTE 304M	LEMO	
GENERAL			
OPERATING TEMPERATURE	0° to 40° (32° to 104°)		
STORAGE TEMPERATURE	-20° to 50° (-4° to 122°)		
OPERATING HUMIDITY	0% to 85% Non-condensing		
LASER SAFETY	Class 1 Laser		
COMPLIANCE	RoHS, CE, FCC		

Tech specs reflect both current and projected information. Everything is subject to change.
 * Switching between the live preview and the return signal on the RED® Cine-Broadcast 7.0" Viewfinder requires the return signal to be 1.5G
 ** GIG-E or USB cannot be used simultaneously
 *** Requires a RED Connect license



RED CINE-BROADCAST BASE STATION (FULL RACK & HALF RACK)

INPUT / OUTPUT			
SDI OUTPUT	SDI OUT 1 / 2	BNC x2	12G/6G/3G/1.5G-SDI
SDI RETURN INPUT	RET IN 1 / 2	BNC x2	12G/6G/3G/1.5G-SDI*
TELEPROMPTER INPUT	PROMPTER	BNC x1	12G/6G/3G/1.5G-SDI
GENLOCK INPUT	GENLOCK	BNC x1	Tri-level
TIMECODE INPUT	TC IN	BNC x1	SMPTE ST 12M
	TC OUT	BNC x1	SMPTE ST 12M
TIMECODE OUTPUT	TC THRU OUT	BNC x1	TC IN input signal through output
POWER			
AC INPUT	AC IN		IEC 60320 x1 85V - 240V
DC INPUT	DC IN		XLR 4P x1 15V
AUDIO			
AUDIO INPUT	AUDIO PGM IN 1 / 2	XLR 3P x2	Analog 2 channels, balanced, +4dBm
AUDIO OUTPUT	AUDIO CA OUT 1 / 2	XLR 3P x2	Analog 2 channels, balanced, +4dBm
INTERCOM			
2W INTERCOM	PROD / ENG	XLR 3P x2	Compatible with ClearCom and RTS
	PROD / ENG	BNC X2	Compatible with Protech (FD-400A)
4W INTERCOM	TALLY / 4W INTERCOM	DB-25 x1	Shared with Tally
INTERCOM HEADSET	INTERCOM H.S	XLR 5P x1	For headset
TALLY			
TALLY SIGNAL INPUT	TALLY / 4W INTERCOM	DB-25 x1	Shared with Intercomm
REMOTE			
REMOTE CONNECTOR	REMOTE 1	12P x2	RS-232/RS-422 auto detect
	REMOTE 2	6P x1	Canon and Fujinon Lens/Iris Control
	CTRL	LEMO 4P x1	CTRL protocol into camera
	GIG-E	RJ45 x1	1 Gbps for camera control **
LAN CONNECTOR	LAN	RJ45 x1	1 Gbps network trunk
RED CONNECT			
RED CONNECT CONNECTION	10G LAN	SFP+ Cage (10Gbps)	Live 8K R3D or 4K JPEG-XS output via SMPTE ST 2110***
FIBER OPTICS			
CONNECTOR	SMPTE 304M		LEMO
GENERAL			
OPERATING TEMPERATURE		0° to 40° (32° to 104°)	
STORAGE TEMPERATURE		-20° to 50° (-4° to 122°)	
OPERATING HUMIDITY		0% to 85% Non-condensing	
LASER SAFETY		Class 1 Laser	
COMPLIANCE		RoHS, CE, FCC	

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