

4K Media Recorder



Max. 4K 120p

IR-7523

NEW



A portable video recorder that uses CFexpress as a recording media. This unit supports the recording and playback of 4K 120p images on a stand-alone basis, and by connecting multiple units, you can record and play video with any extended resolution and frame rate.

Features

- 4K YC_BC_R 4:2:2 120p can be recorded on a stand-alone basis
- A CFexpress TypeB card (sold separately) is used for recording media
- Compatible with fixed 1/6 compression recording
- Recording times are 20 minutes with fixed 1/6 compression when recording 4K 120p to 640GB CFexpress
- Supports relay capturing with dual slots
- Equipped with a function to slowly playback recorded 4K YC_BC_R 4:2:2 120p video at 60p or less
- Multiple video recorders can be connected for arbitrary extended resolutions in units of 4K (extended in the future)
- Multiple-unit connected operation enables video recording at an arbitrary extended frame rate with 60p/120p as one unit (future expansion)
- Supports 12G/6G/3G/HD-SDI, HDMI2.0 (OUTPUT)
- Supports 25G/100GbE (future extensions/options), 25GbE/100GbE complies with SMPTE ST 2110-10 /-20/-30/-40
- Equipped with TIMECODE input/output terminals (LTC only)
- Equipped with MADI input/output terminals
- Equipped with 2 channels of analog audio input and output connectors
- Supports Audinate Dante
- Genlock(BB/3 Synchronization Signal) input is equipped
- Supports up to 32-channel audio (uncompressed, 24-bit) recording
- Equipped with both DC power input and AC power input

Recording Time

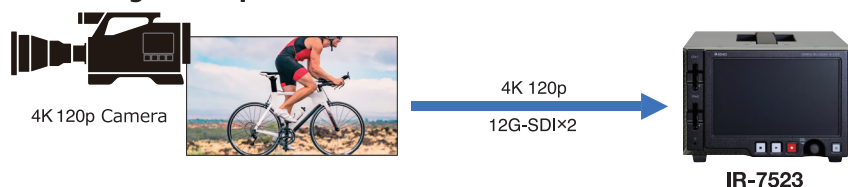
4K	24p	25p	30p	50p	60p	100p	120p
Fixed 1/6 compress	100 minutes	96 minutes	80 minutes	48 minutes	40 minutes	24 minutes	20 minutes

HD	24PsF	25PsF / 50i	30p / 60i	50p	60p
Fixed 1/6 compress	292 minutes	281 minutes	234 minutes	140 minutes	117 minutes

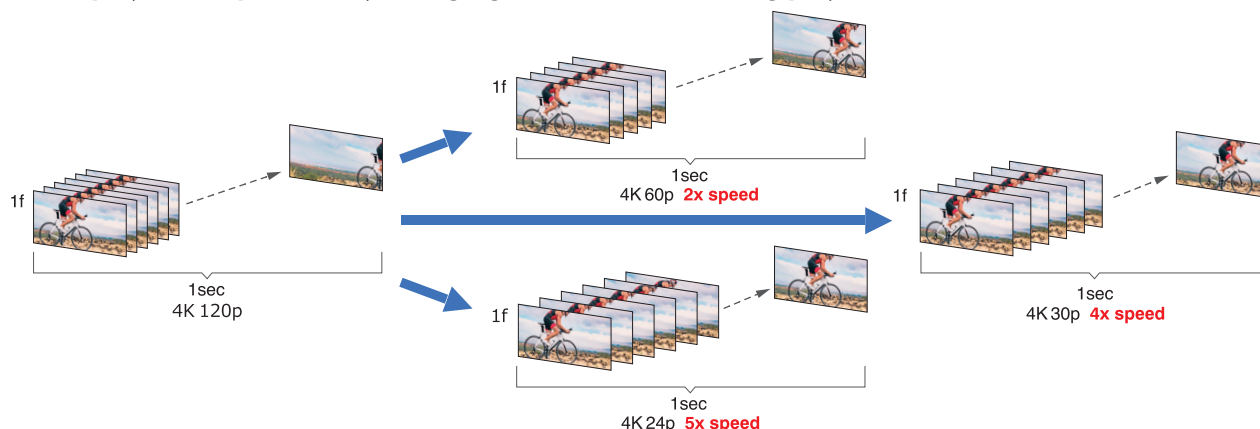
* Recording time is provisional.
* CFexpress: When 640 GB is used

Use of Slow Playback 4K 120p

Recording 4K 120p content to the main unit



Slow playback is possible by changing the frame rate during playback. * Does not play back in the same recording.



Specifications

Items	Specifications	
Video Input/Output	4K	12G-SDI × 2 3840 × 2160 120p/119.88p/100p 12G-SDI × 1 3840 × 2160 60p/59.94p/50p 6G-SDI × 1 3840 × 2160 30p/29.97p/25p/24p/23.98p 3G-SDI × 4 3840 × 2160 60p/59.94p/50p Ancillary data (voice, TC) compatible
	HD (*1)	3G-SDI × 1 1920 × 1080 60p/59.94p/50p HD-SDI × 1 1920 × 1080 60i/59.94i/50i/30PsF/29.97PsF/25PsF/24PsF/23.98PsF Ancillary data (voice, TC) compatible
		(Future extension) 25Gb/100Gb Ethernet (SMPTE ST 2110-10/-20/-30/-40) 2-system PTP (ST 2059) compatible
MONITOR OUT	* Same as 1	
HDMI OUT	HDMI 2.0 One system	
Sync Signal Input	HD3/BB Signal 75 Ω BNC Passive Through (Auto Termination)	
MADI Input/Output	75 Ω BNC 1 system	
TIMECODE Input/Output	BNC 1 system LTCs only	
ANALOG AUDIO Input/Output	Connector XLR3-pin concave 1-pin: GND 2-pin: HOT 3-pin: COLD	
	AUDIO IN: LINE/MIC/MIC +48 switchable AUDIO OUT: balanced power level: max. +24dBu	

Items	Specifications
GPIO	Remote operation status output
LAN	1000Base-T Ethernet NMOS compatible file-transfer
Dante	1000Base-T
PC I/F	32Gbps file-transfer
Headphones	3.5mm Stereo mini jack
SD	SD 2.0 Card slot device maintenance (upgrade), log output
USB 2.0	Extended capabilities
Record Mode	Image Fixed 1/6 codec YCbCr 4:2:2 10 bits
	Audio Linear PCM 48kHz 24-bit 32 audio channel
Recordable Media	CFexpress card

General Specifications	Specifications
Power Requirements	DC IN DC12.0 to 17.0V
	AC IN AC100 to 240V
Power Consumption	120W MAX
Operating Temperature Range	0 to 40°C
Operating Humidity Range	20 to 80%RH (No Condensation)
Dimensions	210 (W) × 133 (H) × 310 (D)mm (Excluding Protrusions)
Weight	Approx. 3.0kg (Not including recording media)

Front, Rear Panel

