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4K Recorder HDR-2

H.265 4K 50/60 **H.264** 4K 25/30, 1080P, 720P

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4K Recorder

HDR-2





HDR-2 is a 4K50/60P SD card recorder with H.265/H.264 encoding capabilities, allowing users to set different video formats and bitrates according to various application scenarios. It enables the recording and playback of 4K videos without a computer, making it convenient for using as a recording device in on a live production site.

Product Features

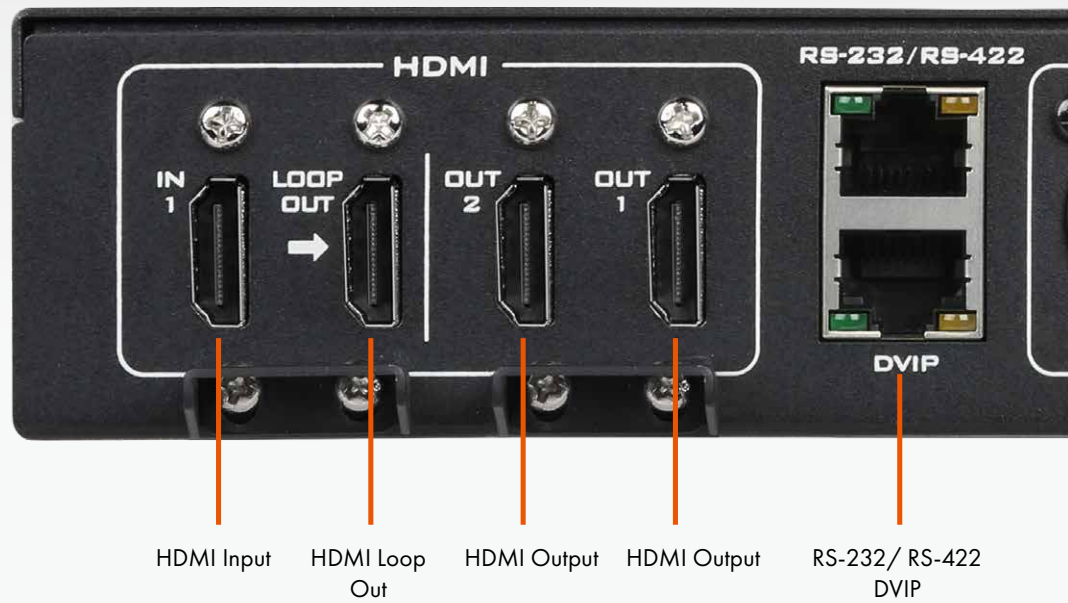
- Supports UHD 4K (3840 x 2160) resolution
- HDMI 2.0 input, output, and loop-through output
- 2" LCD for monitoring
- Supports H.265/H.264 and SD card recording
- Can be powered by a mobile power supply via USB interface
- Supports DVIP, RS-422/RS-232, and GPI remote control



HDR-2 Front View



HDR-2 Rear Panel





Features

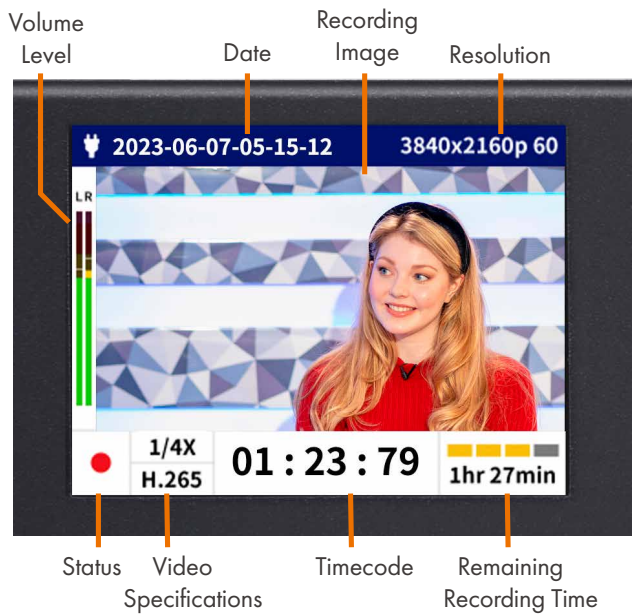
Supports UHD 4K (3840 x 2160) resolution

HDMI 2.0 input, output, and loop-through output



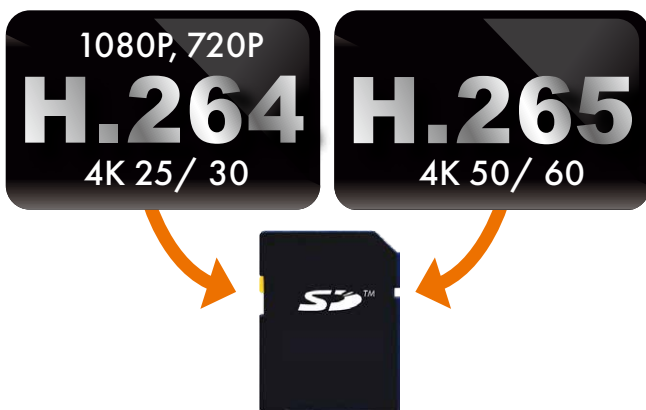
2-inch LCD for Monitoring

Multi-Interface Audio Selection



User can freely set the audio source to be embedded from HDMI, or use XLR microphone, RCA external audio source, or even integrate all sound sources for recording, providing a wide range of audio source options.

Supports H.265/H.264 SD Card Recording



Recording Time for Card's Capacity

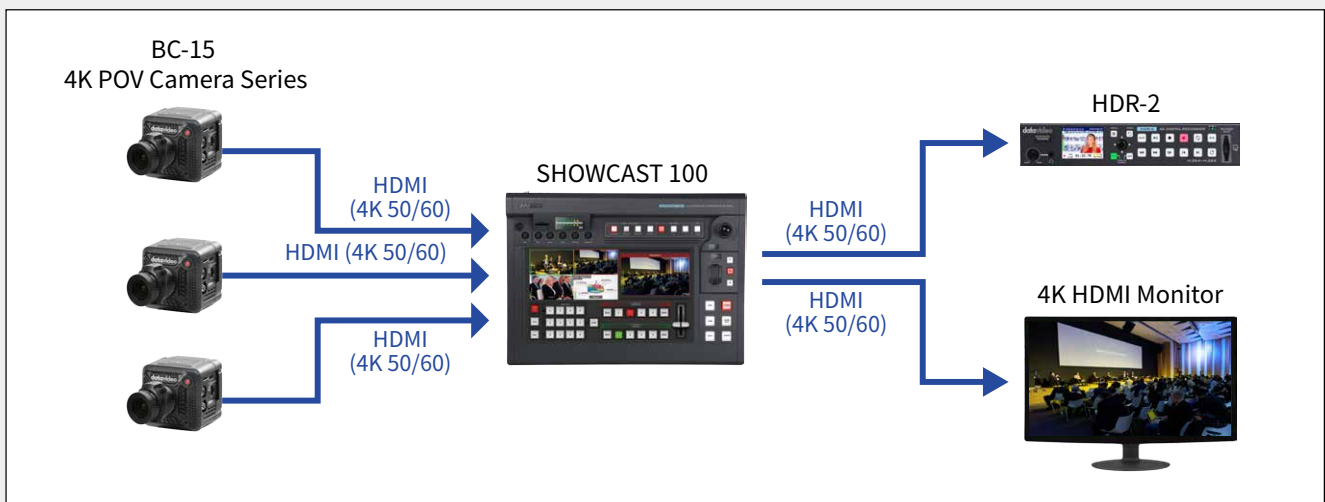
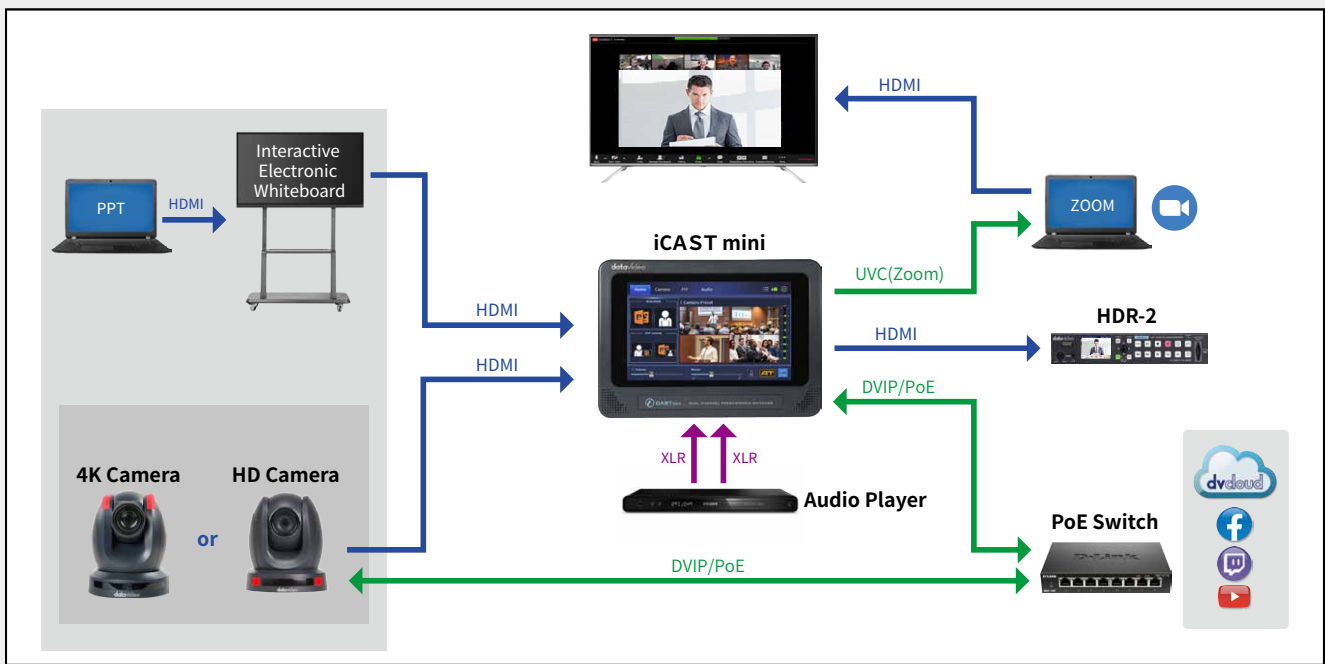
Bitrate/ Capacity	8GB	16GB	32GB	64GB	128GB
100Mbps	10m	20m	40m	80m	160m
80Mbps	12m	25m	50m	100m	200m
60Mbps	16m	33m	66m	133m	266m
40Mbps	25m	50m	100m	200m	400m
20Mbps	50m	100m	200m	400m	800m
10Mbps	100m	200m	400m	800m	1600m

Can be connected to external power supply via USB

Supports DVIP, RS-422/RS-232, and GPI remote control



System Diagram



	HDR-2
Product Name	4K Recorder
Video Standard	4K & HD
Video Format	3840x2160p: 60/59.94/50 (H.265 Only) 3840x2160p: 30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 720p: 60/59.94/50
Supported Video Input Signal	1 x HDMI 2.0 Type A
Video Output	2 x HDMI 2.0 Type A 1 x HDMI 2.0 Type A Loop out
Analog Audio Input	2 x 3 Pin XLR Socket 1 x Stereo RCA set (L/R)
Analog Audio Output	3.5mm earphone jack
Embedded Audio	De-embedded Digital Audio (2 CH) Input Embedded Digital Audio (2 CH) Output
Storage Medium	SD Card Slot x 1 Supports SD, SDHC and SDXC card (UHS-I) (Class 10 above) Max.: 128GB
Multi-channel Recording	1-CH 4K only
Estimated Record Time (min per 10GB)	HD 32GB: 56Hr (1Mbps)~ 7Hr (8Mbps) FHD 32GB: 28Hr (2Mbps)~ 3.5Hr (16Mbps) UHD 32GB: 7Hr (8Mbps)~ 1.7Hr (32Mbps)
Recording Media	1 x SD Card
Storage File System	exFAT
Recorded File Format	MP4(H.265+ AAC) or (H.264+ AAC)
Video Recording Bit Rate / Color Sampling	YUV 4:2:0 / 8bit bitrate: 1Mbps~120Mbps
Audio Recording Format	AAC 2CH, 16bit 48KHz 192Kbps
Encode Supported	H.264: MAX RES: 4K@30 420 8bit codec H.265: MAX RES: 4K@60 420 8bit codec
Video Bitrate	H.265: 120Mbps / H.264: 100Mbps
Preview Display	2" LCD (MENU)
External Control	DVIP, RS-422/ RS-232 GPI Input: 3.5Ø phone jack (Pulse trigger: Record Start/Stop) Front Key Buttons
Power Failure Protection	Redundant USB power supply (not included)
Chassis	1RU, Half-rack Width
Dimension (LxWxH)	220 x 237 x 47
Weight	1.4 kg
Operating Temp. Range	0~40 °C
Power	DC 12V, 2A



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