

WEISSCAM HS-2

The WEISSCAM HS-2 MKII - Exceptional pictures meet workflow simplicity with a trusted capturing unit, used in more than two hundred capturing units worldwide.

High Speed & Normal Cinematographic Speeds Rates

The WEISSCAM has the highest speed rate capabilities at highest picture quality as well as direct recording in normal speed; combined with 3D sync preparation and segmented recording on 36 GB memory makes it a multi-purpose camera

High Quality & High Speed Rates

with up to 4.400 fps and constant picture quality using electronic shutter instead of mechanical shutter technology

RAW & HD Workflows

The unique and universal design with two parallel dual link HD-SDI outputs in RAW (fast and standard) and HD combined with a fully IT-based workflow capability guarantees post flexibility

KEY FEATURES

- Quality – Exceptional and consistent picture quality, also in low light, due to the latest enhanced noise reduction technology
- Variable Formats – new picture formats in RAW and HD in 720p, 1080i/p, 2K allow universal application in a variety of standards
- Record Modes – containing Ring Buffer, Sequence, Direct Recording and a variety of trigger modes. The direct mode allows a direct recording to external devices such as the DigiMag DM-2.
- Expanded onboard and Multi Segment Recording - The internal memory size, expanded to 36 GB RAM, now allows segmented recording

SHOWREEL

WEISSCAM HS-2 Showreel available at <http://vimeo.com/pstechnik>



TARGET APPLICATION

- Commercial
- Corporate
- Wildlife
- Documentary



We recently used the WEISSCAM HS-2 from Movietech and the results were amazing! The light sensitivity of this high-speed camera is the best. I've experienced to date, with absolutely no compromise to the definition!
Director: Gary Holder, Production Company: Tangerine Films, Client: Jaguar Cars



We trust the WEISSCAM HS-2 as the best option for high speed. It combines superb image quality with a friendly interface system without losing its professional image control
Jonas Pagazaurtundua
Camaras y Luces Buenos Aires



You can shoot up to 2.200 fps and see it right back in slow motion in 1080p without rendering it first - very cool
Denny Clairmont
Clairmont Camera, Hollywood

SPECIFICATIONS*

Camera	Description	Specification	
Sensor		CMOS 35Digital sensor, global shutter	
	Sensitivity	> 600 ASA	
	Dynamic Range	> 10 T-stop	
Lens Mount	PS-IMS	various IMS mount adapters available	
Resolution	2K	2016 x 1536	
	Full HD	1920 x 1080	
	HD	1280 x 720	
Sensor Capture Size	2K (4:3)	22,2 x 16,9 mm (diagonal 27,9 mm)	
	Full HD (16:9)	21,1 x 11,9 mm (diagonal 24,2 mm)	
	HD (16:9)	14,0 x 8,0 mm (diagonal 16,2 mm)	
Frame Rates & Speed Range	2K	up to 1.400 fps (25,50)	
	1080i/p	up to 2.200 fps (23.98, 24,25,29.97,30,50,59.94)	
	720p	up to 4.400 fps (23.98, 24,25,29.97,30,50,59.94)	
Processing		Dark Reference, Film Mode	
Recording	RAW	12 Bit uncompressed	
	High Definition	4:2:2 10 Bit uncompressed	
	Internal Memory	36 GB	8:20 min @ 24 fps (max)
			1:20 min @ 150 fps (max)
Interface	Output	RAW	HD-SDI single link, dual link
		HD	HD-SDI single link, dual link
		Data	GigE
	Control	RS232 / USB / GigE	
Power	Camera	24 V DC, approx. 80 W	
	Accessories	24 V; 72 W	
Dimensions	L x B x H	Approx. 316 mm x 201 mm x 210 mm	
Weight		Approx. 8,6 kg	

*Subject to change without prior notice

AVAILABLE ACCESSORIES

- AC power adapter incl. cables (included)
- WEISSCAMware debayering (included)
- Hand Unit HU-2 (recommended)
- Recording unit DM-2 (optional)
- External Debayer Box DBB (optional)



The best way to optimize a product is to work with it yourself

Stefan Weiss
DP & Founder of WEISSCAM GmbH

AVAILABILITY

P+S TECHNIK is the worldwide exclusive manufacturer of the WEISSCAM digital highspeed camera systems. It is distributed through P+S TECHNIK and its official reseller network.