

WEISSCAM HS-2 MKII

Technical Information



© Picture shot by CRAMER & KALFF on WEISSCAM HS-2, rented from WBF

NEW MKII features

The WEISSCAM HS-2 MKII - Exceptional pictures meet workflow simplicity with a trusted capturing unit, used in more than one hundred cameras worldwide. This stand-alone multi-purpose camera for Film & TV is unique due to the following features:

High Speed & Normal Cinematographic Speeds Rates

The WEISSCAM has the highest speed rate capabilities as well as direct recording in normal speed; combined with segmented recording on 36 GB memory makes it a multi-purpose camera

High Quality & High Speed Rates

The WEISSCAM HS-2 is the exceptional motion picture camera with up to 4.000 fps and constant picture quality using electronic shutter instead of mechanical shutter technology

RAW & HD Workflows

The unique and universal WEISSCAM 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. The multi-format capacity and the integrated debayering allow a variety of HD-SDI monitoring and recording settings!

- ➔ **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
- ➔ **Synchronization** - for future proven multi-camera applications such as stereo 3D



„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



„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



„You can shoot up to 2.000 fps and see it right back in slow motion in 1080p without rendering it first - very cool.“

Denny Clairmont, Clairmont Camera, Hollywood

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Key Features

- ➔ Multi-purpose camera with enhanced image quality in high and normal speed, recording up to 4.000 fps
- ➔ Variable formats, frame rates and shutter speeds, also via wireless remote control
- ➔ Parallel recording of 12bit RAW and 10bit HD via HD-SDI (RAW in HD-SDI)
- ➔ Compatible with all 35mm camera accessories
- ➔ P+S TECHNIK Interchangeable Mount System



Subject to technical change without prior notice

Specifications

Sensor type	Single CMOS sensor
Sensor size	Super 35 format (22,18 mm x 22,18 mm)
Pixel size	0,011 mm ²
Capturing speed rates	720p up to 4.000 fps 1080i/p up to 2.000 fps 2K up to 1.400 fps
Sensitivity	> 600 ASA
Dynamic range	>10 T-Stops
Aspect ratio	720p 16/9 1080i/p 16/9 2K 4/3
Recording Formats	720p 23.98, 24, 25, 29.97, 30, 50, 59.94 1080i/p 23.98, 24, 25, 29.97, 30, 50, 59.94 2K 25, 50
Recording	12 bit RAW uncompressed 10 bit YCbCr 4:2:2
Memory	36 GByte internal RAM
Output	RAW HD-SDI single link, dual link HD HD-SDI single link, dual link GigE
Lens mount	IMS Interchangeable Lens Mount
Power	24 V DC

Accessories

- AC Power adaptor incl. cable
- WEISSCAMWare Debayering & Batch Rendering Software

Optional Accessories

- Recording Unit DM-2
- Hand Unit HU-2
- External Debayer Box DBB



The best way to optimise a product is to work with it yourself - **Stefan Weiss** DoP & Founder of WEISSCAM

P+S TECHNIK is the worldwide exclusive manufacturer and distributor of the WEISSCAM digital highspeed camera system