

## APPLICATION UPGRADE MODES FOR WEISSCAM HS-2 MKII CAMERAS

The HS-2 MKII Application Upgrade Modes cover a variety of modules to enhance the operation with the WEISSCAM HS-2 in different applications: Film Mode, Rental Mode and Studio Mode.



## WEISSCAM HS-2 (Hardware)

### FILM MODE

The Film Mode is an "All Purpose" Camera Module with enhanced Image quality for recordings especially in 24p/25p/30p and lower speed rates.



### STUDIO MODE

The Rental Mode is scalable features for the camera rent-out and especially designed for rental companies. The camera rental can offer the WEISSCAM HS-2 to a wider range of application using a cost structure tailored to the needs of his customers and rent out the camera more often.



### RENTAL MODE

Commercial/Fiction/TV Drama

The Studio Mode offers RAW support for recordings on PC especially in a studio environment. The WEISSCAM HS-2 camera body can be installed as part of a studio equipment and be connected to the existing infrastructure while use RAW and HD-SDI recording options.



## SPECIFICATIONS\*

	FILM MODE	STUDIO MODE	RENTAL MODE		
Feature Sets			Commercial	Fiction	TV Drama
Enhanced Image Quality	x				
More rental possibilities			x	x	x
Feature sets			x	x	x
RAW recording on PC		x			
Feature Set Management (rental / onset)			x	x	x
Film Mode Control	x		(x) <sup>o</sup>	(x) <sup>o</sup>	
Studio Mode Control		x			
3D Sync Mode	x				
Resolution max.	2K	2K	2K	2K	1080
RAW Workflow	DM-2	PC	DM-2	DM-2	
HD Workflow	DM-2/HD Rec.	(DM-2)/HD Rec.	DM-2/HD Rec.	DM-2/HD Rec.	DM-2/HD Rec.
Recording Speed**	max. 1 – 2.200 fps	1 – 4.400 fps	1 – 4.400 fps	23 – 500fps	23 – 120fps
Output Formats				2, 4, 8, 15 16, 32, 40 disabled	2, 4, 8, 15 16, 32, 40 disabled

\* Subject to change without prior notice

<sup>o</sup> If in addition to the Rental Mode the Film Mode is installed and unlocked for the Hand Unit

\*\* Depending on resolution – see camera specs for more information

## FILM MODE

- Wider scope of application for quality sensitive film production
- Enhanced image Quality especially in 24p/25p/30p and lower high speed rates
- Increased dynamic range and 30 % higher signal performance

HS-2 Film Mode increases dynamic range and 30 % more performance on the signal for recordings especially in 24p / 25p / 30p and lower speed rates. Image quality is received at the expense of tolerable half of the usual frame rate i.e. max. 1065 fps @ 1080p or 2200 fps @ 720p. It allows using the HS-2 for a wider range of application such as fiction, commercial, documentary and TV Drama.

## RENTAL MODE

- Scalable features for scalable rental day rates
- Feature sets for Commercial, Fiction and TV Drama
- Feature sets can be changed or unlocked by entering a PIN-Code

It provides scalable feature set made for shooting commercials, fiction, TV drama or other applications. It is possible to release different features for different types and aspects of production such as

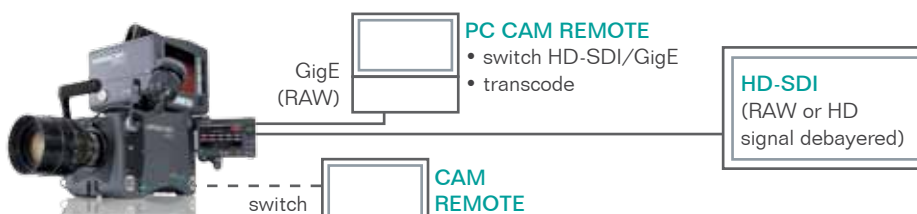
- Maximum Frame rate
- Film Mode
- Studio Mode

Therefore a rental house can rent out different rates accounting to the needs of the production company.

## STUDIO MODE

- RAW recording to PC/Server
- Camera configuration adjustment via Hand Unit HU-2 (Camera (fps, Format), Looks, etc.)
- HD Preview possibility via HD-SDI (on Monitor)
- HD Recording possibility via HD-SDI (on external HD-SDI recorder)

The complete camera configuration including debayer settings for preview and recording is done via the Hand Unit HU-2. During recording and playback from the camera RAM HD-SDI preview is available. For download of the recorded data to the PC the output is switch from HD-SDI to GigE via the Hand Unit HU-2.



## TECHNICAL SPECS

- Film Mode Control active
- Dark Reference Control active (if Film Mode is disabled)
- Sync Modes enabled
- Max. 1065 fps @ 1080p
- Max. 2200 fps @ 720p

## TECHNICAL SPECS

### ■ COMMERCIAL FEATURE SET

- 2K Resolution
- Can be combined with Film Mode 1 – 4.400 fps
- RAW and HD-SDI recording available
- All output formats available
- User controlled feature management

### ■ FICTION FEATURE SET

- 2K resolution
- Can be combined with Film Mode 23 – 500 fps
- RAW and HD-SDI recording available
- All output formats available except 2,4,8,15,16,32,40 are disabled
- User controlled feature management

### ■ TV DRAMA FEATURE SET

- 1080 Resolution
- 23 – 120 fps
- RAW and HD-SDI recording available
- All output formats available except 2,4,8,15,16,32,40 are disabled
- User control feature management

## TECHNICAL SPECS

- Studio Mode can be activated and deactivated
- Dark Reference can be activated and deactivated
- Recording speeds can be set without any restrictions