



DigiMag DM-2

The WEISSCAM DigiMag DM-2 is a universal stand-alone digital recording and playback device which supports professional digital image capturing.

The DM-2 records up to 2 TB of uncompressed HD or RAW data through single or dual link HD-SDI. Stored footage is immediately available for realtime preview on integrated monitor as well as external monitors.

The IT interface for HD or RAW allows plug & play integration in all post production systems.



RAW IN HD-SDI Workflow

WEISSCAM HS-2



Arriflex D20/21



Sony F35



HDTV (like Sony F900)



GrassValley Viper



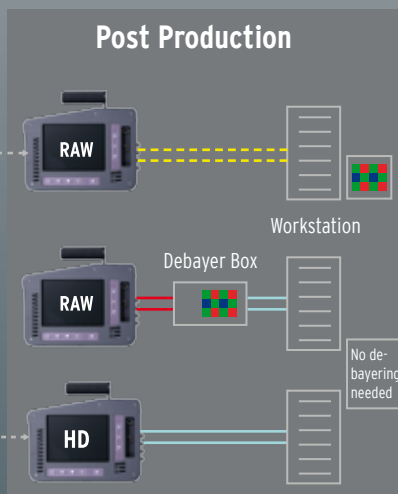
Phantom HD



RAW Stream

HD Stream

Post Production



Description

- RAW Stream (via HD-SDI)
- HD Stream
- RAW via Fibre Channel, DLT 1:2 or RAW via Firewire 400, DLT 1:8

HD-SDI Single and Dual Link

720p	4:2:2	10 bit	16:9	1280 x 720
1080p	4:2:2 / 4:4:4	10 bit	16:9	1920 x 1080

RAW-in-HD-SDI

720p	RAW (HS-2)	12 bit	16:9	1280 x 720
1080p	RAW (HS-2)	12 bit	16:9	1920 x 1080
2K	RAW (HS-2)	12 bit	4:3	2048 x 1556
	RAW (D20/21)	12 bit	4:3	2880 x 2160

HD Monitor / Waveform / Vectorscope HD Recorder HD Capture Station HD Flash Recorder

Use the HD stream for all other HD devices, that support the format

Technical Specification

- Stand alone uncompressed HD & RAW recorder and player
- Input: HD-SDI single and dual link
 - > 12 bit RAW uncompressed
 - > 10 bit YCC 4:2:2 & RGB 4:4:4
- Output: HD-SDI single and dual link, fibre channel, Firewire 400
- 2 TB disc space (upgrade possible)
- RAID 6 protected
- Onboard monitor for instant preview
- Solid State memory version available (SSD)
- Two camera stereo recording for 3D (in 720p)
- RS 422 remote interface
- Dimensions LxHxD: 27 x 24 x 20 cm / 10.3 x 9.5 x 7.9 in
- Weight: 7,4 kg / 16.3 lbs
- Power: 12 - 36 Volt DC / 90 Watt

Recording Time

hh:mm:ss

• 1280x720 50p	single link	approx. 03:02:21
• 1280x720 60p	single link	approx. 02:31:58
• 1920x1080 25p	single link	approx. 03:05:02
• 1920x1080 30p	single link	approx. 02:34:12
• 1920x1080 50p	dual link (4:4:4)	approx. 00:49:09
• 2048x1080 25p	single link (4:4:4)	approx. 01:35:22
• 2048x1536 25p	single link (RAW)	approx. 01:00:00



RAW in HD-SDI (WEISSCAM HS-2, Arri D20/21)

- Constant data rate of 2.97 GB/s in SMPTE 372M
- Future proof: Open for RAW and YCC/RGB workflow
- Investment save: Uses existing HD hardware
- Realtime preview of native RAW data

External Debayer Box for WEISSCAM RAW

- Realtime debayering of WEISSCAM RAW data into HD
- FPGA based hardware
- HD-SDI single and dual link



Order Information

24435	WEISSCAM DM-2 DigiMag Digital Recording Unit
24434	WEISSCAM DM-2 DigiMag case
24428	WEISSCAM External Debayer Box for HS-2 and DM-2 allows the debayering of WEISSCAM RAW data

P+S Technik is the worldwide exclusive distributor of the WEISSCAM DigiMag DM-2 digital HD/RAW recorder. For reservations please contact us by email to weisscam@pstechnik.de



The best way to optimise a product is to work with it yourself.

Stefan Weiss
DoP & Founder of WEISSCAM