

HighSpeed - Unit GbR

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Whether you shoot commercial table tops, music clips, action sports, documentaries, scientific reports, the WEISSCAM HS-1 offers you the freedom to choose the image format and the frame rate as you want. You can even change the frame rate during recording for live ramping.

Free your creativity with the compact and mobile digital highspeed system WEISSCAM HS-1

WEISSCAM®

Highlights

Compact

Two unit system with all essential parts integrated
State-of-the-art design and durable materials used

Flexible

Variable format, frame rate and shutter speed, choose as required for the project
Live ramping allows you to change frame rate also during recording
Can be integrated in all film and video environments
Interchangeable lens mounts make a wide range of optics available

Mobile

Easy and fast setup of two compact units
Immediate playback allows you to check results on set

Reliable

Durable design and materials used
On set proofed in various commercials and television projects



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Camera



The WEISSCAM HS-1 camera body is designed with the clarity of a film camera body. P+S Technik's interchangeable mount is integrated to make available the maximum range of lenses designed for 35mm format - motion or still photography. You can choose any frame size to fully utilise the camera's memory. Frame rates up to 1000 fps are possible. Maximum resolution of the HS-1 model is 1280 x 1024 pixel.

Hand Unit



With this first Hand Unit for a digital highspeed camera most important recording features of the camera can be remote controlled: START/STOP, frame rate adjustment, frame rate ramp settings, frame rate jumps. The ergonomic design allows comfortable one hand use to start and stop recording. With the well fitted hand wheel the frame rate can be changed smoothly while recording.

Control Unit



The WEISSCAM HS-1 Control Unit is a complete, portable power PC with the newest dual core processor technology. The unit comes with 500 GB internal disc space (which can be expanded), a removable S-ATA hard disk drive for easy data exchange, an integrated monitor and a water proof keyboard. The software offers extensive features for image control, color correction, frame size adjustments and shutter control.



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» Camera

Resolution	1280 x 1024 pixel
Frame Rates	Up to 1.150 fps 720 x 576 pixel SD PAL (4:3)
Frame Rates	Up to 950 fps 1280 x 720 pixel HD 720p (16:9)
Frame Rates	Up to 650 fps 1280 x 1024 pixel with maximum resolution
Sensitivity	160 ASA
Dynamic Range	bit color depth, 10 bit DPX, 10 bit monochrome
CMOS Imager	15 x 12 mm (0.591 x 0.472 inch), progressive scan
Internal Memory	4 GB RAM
Lens Mount	Interchangeable: Arri PL, Panavision, Nikon, Canon EF and BNC-R
Viewfinder	PAL or NTSC (not switchable)
Hand Unit	Control START / STOP of camera, smooth live ramping and jump ramps
DC Out	12 V DC out, Hirose 4 pol
DC In	12 V DC in, XLR 4 pol
Video Out	Composite for external monitors
Data Transfer	Firewire or Fibre glass (FOL)
Power Consumption	12 V
Dimensions	381 x 237 x 162 mm / 15 x 9,3 x 6,4 inch
Weight	6 kg / 13.2 lb.

» Control Unit

Operating System	Windows XP Professional
Processor	Intel Dual Core 3,0 GHz
RAM	2 GB
Disc Space	Ex works 2 x 250 GB S-ATA HDDs
Removable Hard Drive	250 GB S-ATA HDD
Display	1024 x 768 pixel, 38 cm / 15 inch diagonal, contrast ratio 400 : 1
Monitor Connectors	2 x Composite, 2 x Component
Power Consumption	90 - 230 V
Dimensions	420 x 280 x 230 mm / 16,5 x 11 x 9,1 inch
Weight	16,5 kg / 36.4 lb.

» Software

Output Formats	8 bit tiff uncompressed, avi, 10 bit DPX*, create MPEG files for proxys
Image Format	Any image format from 10 x 1 pixel to 1280 x 1024
Color algorithm	Different algorithms available, smooth and crisp image rendering
Shutter	From 1/ fps to 1/100.000 fps, independent from frame rate
Image Control	Separate control of gamma and RGB curves
Live Picture	Control framing during recording on all connected monitors
Instant Playback	View your shot in realtime right after downloading from camera

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weisscam®



PREISLISTE

Kameras mit Sensor im 35mm Format & PL-Mount, alle Preise ohne Filmobjektive, Stromversorgung, Zubehör

Artikel	Mietpreis /Tag
Weisscam HS-2 Highspeed Kamera Super 35mm Format Einzelsensor, IMS Mount, 600ASA, 10 Blenden Dynamic Umfang, interner Speicher 32 GB unkomprimierte Highspeed-Aufnahmen in 720p (max. 4000 fps) , 1080p (max. 2000 fps) oder 2k (max. 1500 fps), 12 Bit RAW Format	3.000,00 €
Weisscam DBB Debayer-Box , HS-2	150,00 €
Weisscam DM-2 Digimag Recording Unit , HS-2	500,00 €
Weisscam HS-1 Highspeed Kamera IMS Mount, 160ASA, interner Speicher 4 GB, Highspeed-Aufnahmen in 1150fps 720x576 / 950fps 1280x720 / 650fps 1280x1024, 10 Bit RAW Format	1.500,00 €
HighSpeed- Operator / Kameramann Tagespauschale zuzüglich Anfahrt, Unterbringung und Spesen	500,00 €



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Die Versicherungsbedingungen sind auf Wunsch in unserem Büro einzusehen. Die Kosten für die Versicherung werden mit 8% auf den zurzeit gültigen Tagesmietzins weiterberechnet. Sie sind in den oben genannten Preisen nicht enthalten.