

PS-CAM X35

THE PRODUCTION CAMERA WITH INTEGRATED MOTION-FX CAPABILITY

The PS-Cam X35 a MotionFX camera designed for normal shooting rates and rates up to 750 fps (1.500 fps with MKII upgrade) in slow motion, fast motion, ramped motion, time lapsed motion for all applications to tell the story differently.

On the analog side there were analog film cameras with speed rates up to 150 fps known as robust and flexible. On the digital side high speed rates were only available when using highly specialized camera systems.

Now the PS-Cam X35 is a combination of a sync sound and high speed camera – a 2 in 1 camera. So if going for MotionFX no additional camera or operator resources and budget is necessary.



KEY FEATURES

- X-over application MotionFX camera
- Combines analogue sync-sound camera and digital highspeed
- Time manipulation up to 750 fps (1.500 fps MKII)
- Global Shutter for enhanced motion capture capability
- Up to 11 T-stops
- 640 ASA base sensitivity
- HD-SDI capability

X-OVER IN APPLICATION

- Fiction
- TV series
- Commercial
- Documentary
- Episodic drama
- Wildlife
- Music clips
- Corporate
- Sports

SCREENSHOTS

PS-Cam X35 Showreel available at
<http://ps-cam-x35.com>
<http://vimeo.com/pstechnik>



Aces @ 24 fps



Aces @ 150 fps



Sunny Sunday Morning @ 450 fps

The all-purpose concept of the PS-Cam X35 allows normal speed and enhanced picture quality up to 11 T-stops with global shutter technology. It provides slow motion capabilities up to 750 fps (1.500 fps MKII) maximum to capture amazing results especially in human action.

The onboard memory (18 GB) allows recording of more than 4 mins in normal speed (memory with 9 GB or 36 GB available). The standard switchable HD-SDI interface in 1,5 G allows the integration into existing HD infrastructures and operation with existing and future-proofed HD-SDI recorders.

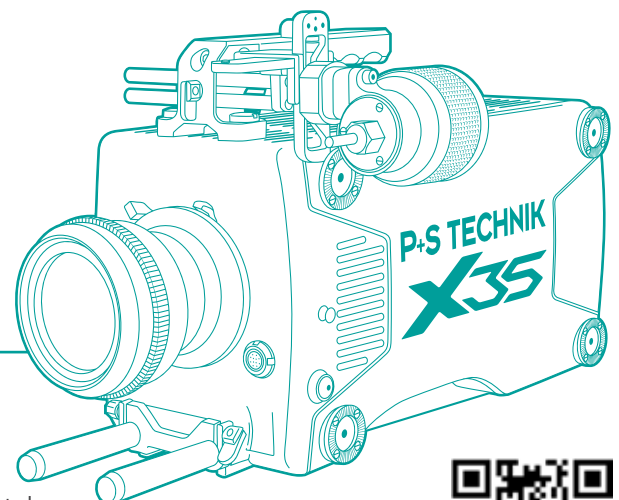
SPECIFICATIONS*

Camera	Description	Specification
Sensor		CMOS 35Digital sensor Global Shutter
Lens Mount	PS-IMS	Various IMS mount adapters available
Resolution	Full HD	1920 x 1080
	HD	1280 x 720
Sensor Capture Size	Full HD	21.1 x 11.9 mm (diagonal 24.2 mm)
Frame Rates	Standard Speed Range	24 – 30 fps (direct HD-SDI output) (up to 60 fps planned)
	All Speed Range	1 – 750 fps (1.500 fps MKII) continuously adjustable e.g. 24, 48, 60, 75, 150, 300, 450 fps
	MotionFX	StopMotion, Timelapse, Ramping
Capture	Processing	Dynamic Picture Quality Enhancement
Recording	High Definition	4:2:2 10 Bit uncompressed
	RAW	10 Bit uncompressed
	Internal Memory 18 GB	4:08 min @ 24 fps (max) 0:40 min @ 150 fps (max)
	9 GB / 36 GB	optional
Interface	Output	2x HD-SDI, 1,5 G (2x single link or 2x dual link)
	Viewfinder output	1x HD-SDI, 1,5 G
	Time Code	TC In/Out
	Synchronisation	Frame Sync (Ambient compatible)
	Control	RS232 / USB
Power	Camera	12 V – 30 V, approx. 90 W
	Accessories	12 V, 30 W & 24 V, 60 W
Dimensions	L x B x H	Approx. 343 mm x 157 mm x 179 mm
Weight		Approx. 7.5 kg

*Subject to change without prior notice

AVAILABLE ACCESSORIES

- Range of IMS lens mounts
- Hand unit for camera remote control up to 50 m (500m planned)
- Range of HD-SDI recorders from various manufacturers for flexible workflow setups
- Standard Batteries (AntonBauer / V-Lock)



AVAILABILITY

For rental of the PS-Cam X35 check our online list for the closest rental house: www.pstechnik.de/rental

Orders are taken by the P+S TECHNIK sales team and our local resellers, for more information send an email to info@pstechnik.de

