NEW

Camera and Lighting Systems

SYNC LightCam

zebris

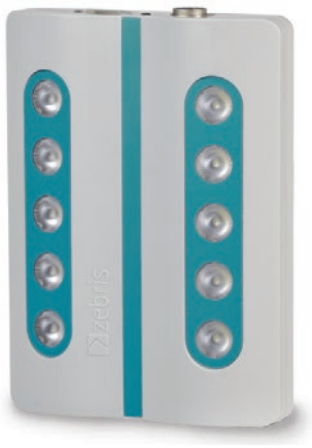
SYNCLightCam and SYNCCam for vid

Experience walking analysis in a new light. The new SYNCLightCam combines high-intensity LEDs with a high-speed camera (up to 120 FPS) in a compact unit. Video and force data are automatically synchronized during a walking analysis. The light intensity is infinitely controllable.

eo analysis and documentation

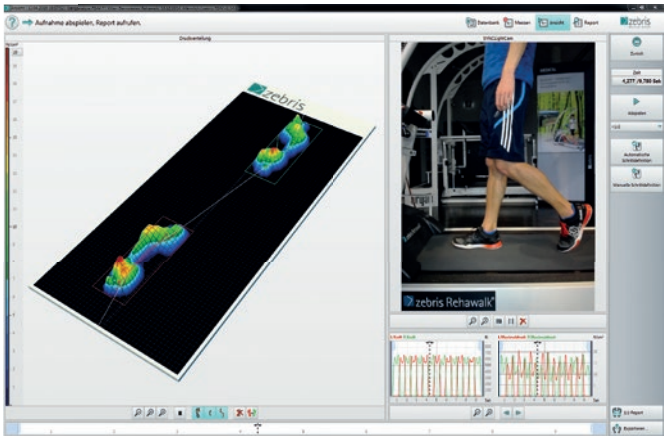
The system is available with a customized stand that has built-in tubing to hide the power and connection cables. This stand is offered with and without wheels.
Several SYNCLightCams can be operated and synchronized simultaneously to make sure you capture your data from any angle.

When there is a need to customize the placement of the camera or light for your specific application, the SYNCCam and SYNC-Light are available as stand-alone options. Automatic synchronization of the video and force data, from treadmills or measuring platforms, is standard.

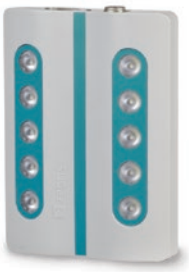


Designed for quick and easy assembly with ultimate flexibility, our SYNCLight-Cam, SYNCLight and SYNCCam have a quick-detach feature to the zebris stands and a standard thread attachment for other commercial tripods.

The projection of the video footage takes place in the zebris FDM software. Through a short SYNC-impulse the image data from the camera is accurately matched with the force data from the pressure distribution matrix.

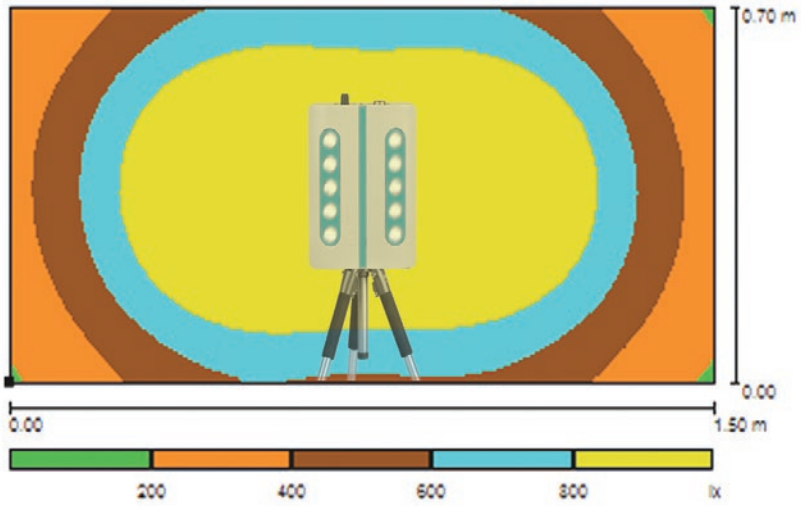


Technical data



	SYNCLightCam HS	**SYNCLightCam**	**SYNCCam**	**SYNCLight**
Dimensions approx. (W x H x D)	220 x 183 x 80 mm	220 x 183 x 80 mm	110 x 125 x 50 mm	155 x 210 x 38 mm
Weight approx.	800 g	800 g	190 g	640 g
Power supply unit	cable power adapter	cable power adapter		cable power adapter
Fixation	1/4 " internal threat back	1/4 " internal threat back	2 x 1/4 " internal threat below / back	1/4 " internal threat back
Camera	High Speed	HD	HD	
PC interface	USB 3	USB 2	USB 2	
Synchronisation	Sync-In	Sync-LED	Sync-LED	on / off
Frame rate / Resolution	120 Hz / 800 x 600 100 Hz / 960 x 720 60 Hz / 1280 x 960 30 Hz / 1600 x 1200	30 Hz / 800 x 600 " 960 x 720 " 1280 x 720 " 1600 x 896	30 Hz / 800 x 600 " 960 x 720 " 1280 x 720 " 1600 x 896	
Color temperature	LED – 6200 K	LED – 6200 K		LED – 6200 K
Light intensity	1550 lumen infinitely variable	1550 lumen infinitely variable		1550 lumen infinitely variable

Characteristics



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Subject to technical modifications.

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