

zebris SYNCam-Camera Systems for Stance-, Gait- and Running Analysis



The systems can be supplied with a rolling tripod or a stand. The cameras can also be attached to commercially available photo tripods with standard threads.

Experience stance gait and walk analysis in new image quality. The zebris SyncCam systems contain powerful cameras, of which several can be operated simultaneously and synchronized with each other. Due to the individual adjustment of the shutter speeds, a high image sharpness is achieved even with fast movements. Control and evaluation are part of the zebris FDM analysis software suite. By means of a short sync light pulse the image data of the cameras are synchronously assigned to the data of the pressure distribution sensors.

Technical data



SyncCam



SyncCam HS



SyncLightCam

Dimensions approx. (W x H x D)	110 x 125 x 55 mm	100 x 170 x 55 mm	220 x 183 x 80 mm
Weight approx.	290 g	280 g	800 g
Power supply unit			cable power adapter
Fixation	2 x 1/4 inch internal thread below / back	1/4 inch internal thread back	2 x 1/4 inch internal thread back
PC interface	USB 2	USB 3.0	USB 2
Synchronisation	Sync cabel	Sync cabel	Sync cabel
Frame rate / Resolution	30 fps / 1920 x 1080	60 fps / 1920 x 1080 90 fps / 1280 x 720 120 fps / 640 x 480	30 fps / 1920 x 1080
LED			10 Power LEDs, 5300 K stepless adjustable

The new SyncCam HS with a measuring rate of up to 120 Hz is prepared for wireless synchronization.