

MOVIECAM

COMPACT

Datasheet

Lightweight modular sync sound camera capable for running up to 50 fps forward and 32 reverse (with Moviespeed box). It has a manually adjustable shutter and is compatible with most ARRI accessories and lenses. It can be configured with a magazine mounted on top or rear and to work on supports like Steadicam, Paddock or Artemis.

Film Format	35mm, Available in anamorphic, Super 35 and standard spherical formats.
Dimensions	Height: 7" (180mm) Width: 6.3" (160mm) Length: 11.8" (300mm) Weight: 13lbs, 10oz. (6.3kg)
Sound Level	Under 20dBA
Movement	Compensating link movement; dual registration pins and dual pull-down claws; interchangeable aperture plates; pitch adjustment.
Magazines	500' (150m) and 1000' (300m) displacement style; all have built-in heaters and torque motors; mechanical and electronic footage counters. 400' (120m) lightweight Steadicam magazines with vertical displacement.
Lens Mount	54mm PL; adjustable for shooting in regular or Super 35 format.
Shutter	180° adjustable to 45° ; calibrated with stops at 90°, 120°, 144°, and 172.8°.
Drive	Microprocessor controlled motor with variable speeds from 12 to 32 fps in 1 fps increments on body or 2 to 50 fps in 0.001 fps increments as well as 12 – 32 fps reverse with Moviespeed control; all speeds are quartz crystal accurate.
Power Requirements	24v DC
Heaters	Built-in thermostatically controlled heaters for temperatures below 41°F (5°C) in camera body and magazines.
Viewfinder	6.1x magnification; viewfinder is rotatable 360° while maintaining an erect image; 12" viewfinder with 2.4x magnification zoom is available; heated eyepiece.
Video Assist	Flicker-reduced color or black-and-white CCD camera; on-board 1" monitor available.
Movielite	Projects aspect ratios on the groundglass in selectable combinations of all standard formats.
Moviespeed System	Moviespeed control allows speed changes during the shot from 2 to 50 fps forward and 12 to 32 fps reverse; an iris control motor compensates for the speed change; speed can be changed in 0.001 fps increments.
Time Code	Plug-in time code module for recording SMPTE RP 135 and RP 136 80 bit time code.
Camera Controls	Frame speed preset buttons; digital frame rate counter; incorrect operation or buckle trip warning; forward/reverse display; phase shifter; sync in and out; dust check knob.