



ARRIFLEX 235_PRELIMINARY BROCHURE

ARRI 

SMALL, LIGHTWEIGHT & FULLY FEATURED

The ARRIFLEX 235 is a small and lightweight 35 mm MOS camera designed for hand held and remote applications where size and weight are crucial. The 235 is the ideal camera for Steadicam use, car rigs, motorcycle rigs, bicycle rigs, underwater applications, crash housings, aerial photography, etc. It is a great 'C' camera for feature films and perfect for capturing different and spontaneous angles.

Through ARRI's modern design and manufacturing techniques, and by concentrating on essential features, the 235 has been made spectacularly lightweight, small and compact. Its body and viewfinder weigh about 3.5kg/7.7 Lbs, which is half the weight of a 435 body and viewfinder. A smaller, lighter camera means you can work faster, it means less rigging and lighter support equipment.

By using existing proven technology in much of the 235 design and by carefully controlling the development process, the 235 is a truly economical investment for rental houses and individuals alike.

Despite its compact exterior, the 235 is a thoroughly modern motion picture camera, equipped with all the features cinematographers, producers and crews have come to expect, including Super 35, a 3 perforation option and a high quality video assist.

FEATURES

A bright and ergonomic optical viewfinder can be freely rotated and extended just like the ARRICAM or 435 viewfinders. This and an optional medium extension eyepiece allow for comfortable viewing in any camera position. The viewfinder is accompanied by a video assist of the same image quality and features as the highly praised ARRICAM and 435 video assist. A new and unique optical design makes viewfinder and video assist independent of each other, so a switch from hand held to Steadicam mode is lightning fast and there is no need for a 100% video top.

The 235 is from the ground up designed for modern production techniques like Super 35, 3 perforation shooting and speed ramps, techniques that save time and give the filmmaker more creative options. Even better, there is almost no learning curve, since many tried and true elements from other ARRI cameras have been incorporated. For instance, the 235 control panel, video assist controls and threading method resemble their counterparts on the 435.



Since the 235 works with the existing 60m/200' and 120m/400' 435 style magazines, it can easily share magazines with the 435 or 35-3. For hand held use two new magazines, a 60m/200' and a 120m/400' shoulder magazine, have been designed that are perfectly balanced and lightweight.

To allow rental houses and crews to work with the existing and familiar inventory of equipment, the 235 is compatible with the vast majority of 35 mm production gear, including all PL mount lenses, the ARRI Remote Control Unit (RCU), Wireless Remote Control (WRC), Iris Control Unit (ICU), Electronic Synchronization Unit (ESU) and the ARRI Wireless Remote System. For simplicity's sake the 235 uses 435 ground glasses.

And since the 235 has been designed in close collaboration with prominent industry professionals, it offers many features and clever details to make life on the film set easier. These include extra attachment points for rigging, operating buttons with an adjustable backlight, fixed gap technology in the film gate for utter simplicity in maintenance, automatic or manual image orientation in the viewfinder, super light magazine construction, a reversible camera handle for well balanced low tracking shots, an extra low mode handle and of course the reliable operation and robust construction ARRI cameras are famous for.







[ORIGINAL SIZE]

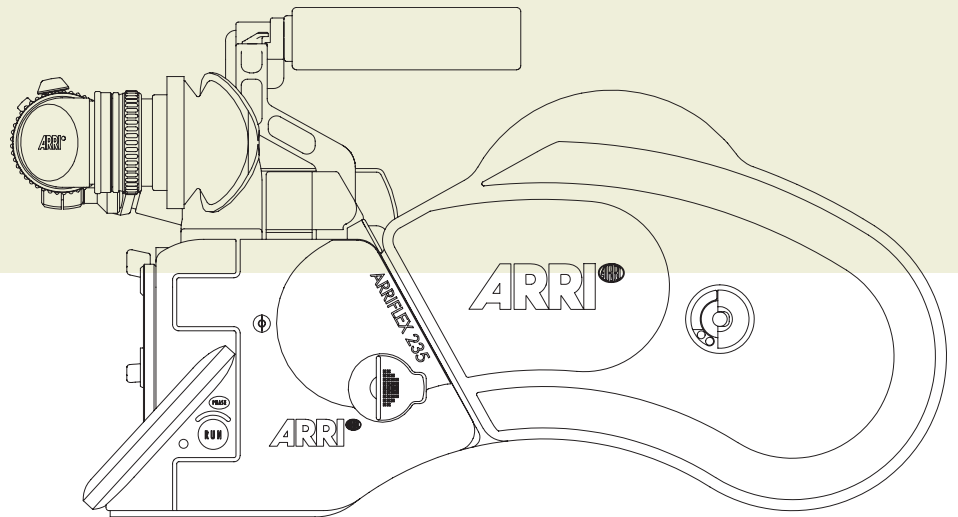
	ARRIFLEX 35-2C ⁽¹⁾	ARRIFLEX 235	ARRIFLEX 435 Xtreme
Price (body & viewfinder)	not sold anymore	about half of 435 Xtreme	72,200 Euro
Speed	2 to 50 fps	1 to 60 fps	0.1 to 150 fps
Shutter range	165° fixed ⁽²⁾	45° to 180°	11.2° to 180°
Weight (body & viewfinder)	4.2 Kg/9.3 lbs ⁽³⁾	3.5 kg/7.7 lbs	7.0 Kg/15.4 lbs
Lens mount	Turret with standard and steel bayonet mounts	54 mm PL mount	54 mm PL mount with LDS contacts
Super 35	-	yes	yes
3 Perforation	-	yes	yes
Ergonomic, flexible & bright viewfinder	-	yes	yes
Registration	-	single pin	dual pin
Compatible with modern accessories	-	yes, RCU, WRC, ICU, ESU, Wireless Remote System	yes, RCU, WRC, ICU, ESU, RU, Wireless Remote System, Single Frame System, Motion Control Adapter, integrated motor controller, integrated radio modem, Lens Data Display, 100% Video Top, ARRIMOTION frame accurate rewind & double exposure, ARRIMOTION speed ramping
Speed ramps	-	yes, 1 to 60 fps with iris compensation; RCU or WRC needed	yes, 0.1 to 150 fps with shutter and/or iris compensation, fast & wide range ramps; ramp control built-in
Electronic shutter	-	-	yes
Lens Data System	-	-	yes
Motion control compatible	-	-	yes
Aperture format masks & gel filter holder	-	-	yes
Timecode	-	-	yes

(1) = These are the specifications for the standard ARRI 35-2C unless otherwise noted. Many retrofits have been done over the years, too numerable to list here.

(2) = The 35-2CV/B model had a manually variable shutter from 0° to 165°.

(3) = Weight of 35-2C with CE base, viewfinder door and PL mount.





PRELIMINARY SPECIFICATIONS

Fps:	1 to 60 fps forward, 25 fps reverse
Shutter:	Manually adjustable to: 45°, 60°, 75°, 90°, 105°, 120°, 135°, 144°, 150°, 172.8°, 180°
Film format:	35 mm DIN 15 501
Film gate:	ANSI Super 35 (24.9 x 18.7 mm/0.98" x 0.74"), same as ARRICAM ANSI S35 Silent 1.33 format mask
Lens mount:	54 mm stainless steel PL mount
Flange focal distance:	51.98 mm -0.01
Movement:	Single pull down claw with two prongs, single registration pin, registration pin in optical printer position (like 435), camera available with 3 or 4 perforation movement
Ground Glass:	The 235 uses 435 ground glasses
Weight:	Camera body + viewfinder + eyepiece: approximately 3.5 Kg/7.7 lbs
Power input:	24 Vdc nominal, accepts 21 to 35 Vdc
Accessory power outputs:	1x MINI MONITOR socket 1x REMOTE accessory socket 2x RS (Remote Start) sockets
Temperature range:	-20°C to +50°C (+4°F to +122°F)
Compatible Magazines:	235 60m/200' Shoulder magazine 235 120m/400' Shoulder magazine 235 120m/400' Steadicam magazine 35-3/2C 60m/200' Single compartment magazine 35-3/2C 120m/400' Single compartment magazine 435 120m/400' Single compartment magazine 435 120m/400' Steadicam magazine Not compatible with 35-3 and 435 300m/1000' magazines.



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