



ARRIFLEX 235

MODERN, SMALL AND LIGHTWEIGHT

The ARRIFLEX 235 is a small and lightweight 35 mm MOS (wild) film camera designed for handheld and remote applications where size and weight are crucial. The 235 is the ideal camera for Steadicam, car rigs, motorcycle rigs, bicycle mounts, underwater applications, crash housings and aerial photography. It is a great 'C' camera for feature films and commercials to grab unique and spontaneous angles.

By focusing on essential features and utilizing the most up-to-date design and manufacturing techniques, the 235 is spectacularly lightweight, small and compact. It's body and viewfinder weigh about 3.5kg/7.7 Lbs, half the weight of a 435 body and viewfinder. With a smaller and lighter camera it is possible to work faster, use less rigging and lighter support equipment.

The 235 was developed with economics in mind. The camera body and viewfinder were designed with existing, proven technology, resulting in a price half of the 435. And since it shares a large number of already available accessories with its ARRIFLEX siblings, the 235 is an affordable investment for rental facilities and individuals.

Despite its compact size, the 235 is a thoroughly modern motion picture camera, equipped with all the features cinematographers, producers and crews have come to expect. Super 35, a 3 perforation option, speed ramps and a high quality video assist save time and provide more creative options.

FEATURES

A bright and ergonomic optical viewfinder can be freely rotated and extended just like the ARRICAM or 435 viewfinders, allowing for comfortable viewing in any camera position. The viewfinder is available in either a spherical or universal version, which can be switched between spherical and anamorphic viewing. The 235 viewfinder is accompanied by a video assist that has the same image quality and features as the highly praised ARRICAM and 435 video assists. Through a new and unique optical design viewfinder and video assist are independent of each other, making a switch from handheld to Steadicam very fast and eliminating the need for a 100% video top.

Since the 235 works with existing 60m/200' and 120m/400' 435 style magazines, it can easily share magazines with the 435 or 35-3. For handheld use, two well balanced and lightweight new magazines have been designed: a 60m/200' and a 120m/400' shoulder magazine. For Steadicam use, a special 235 120m/400' Steadicam magazine is available.



Working with the 235 is comfortable and easy; many tried and trusted elements from other ARRI cameras have been incorporated so there is almost no learning curve. The 235 control panel, video assist settings and threading method closely resemble their counterparts on the 435.

Rental houses and crews can continue to work with the already familiar inventory of equipment. The 235 is compatible with the vast majority of 35 mm production gear, including all 35 mm format PL mount lenses, the ARRI Remote Control Unit (RCU), Wireless Remote Control (WRC), Universal Motor Controller (UMC-3), Iris Control Unit (ICU), Electronic Synchronization Unit (ESU) and the ARRI Wireless Remote System (WRS). To further increase the 235's compatibility, it uses the full range of 435 ground glasses.

Since the 235 has been designed in close collaboration with prominent industry professionals, it offers many new features and clever details to make life easier on the set and in rental. These include extra attachment points for rigging, operating buttons with an adjustable backlight and the fixed gap technology in the film gate for utter simplicity in maintenance. And to top it all off a number of new accessories have been inspired by the 235, including the Lightweight Follow Focus LFF-1, the On Board Battery OBB-1 and the External Display EXD-1.







[ACTUAL SIZE]

	ARRIFLEX 35-2C ⁽¹⁾	ARRIFLEX 235	ARRIFLEX 435 Xtreme
Price (body & viewfinder)	not sold anymore	about half of 435 Xtreme	72,200 Euro ⁽⁴⁾
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

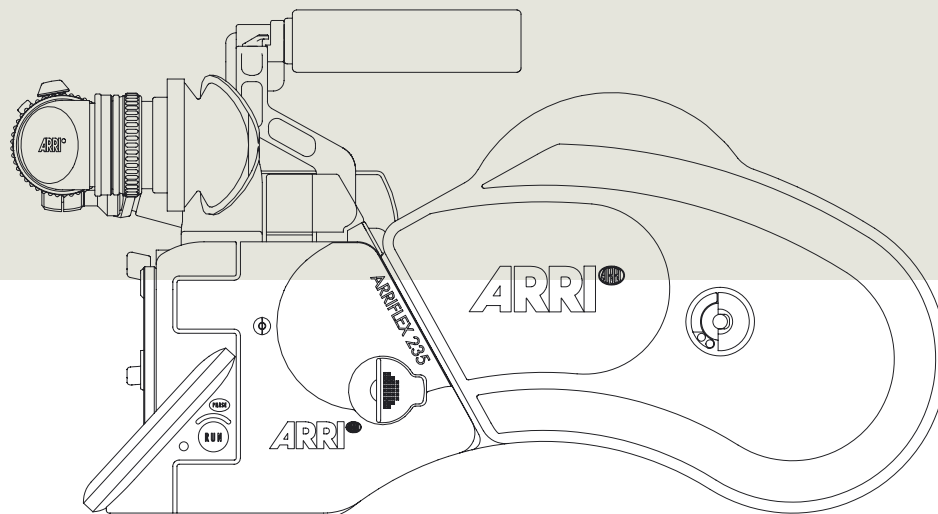
(1) = These are the specifications for the standard ARRI 35-2C unless otherwise noted. Many retrofits have been done over the years, too numerable to list here.

(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.

(4) = Price from September 2004 price list. Please consult the latest price list for current price.





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 movements
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 REMOTE accessory socket 2x RS (Remote Start) sockets 1x MINI MONITOR socket on IVS
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.



Canada

ARRI Canada Limited (Sales & Service)
415 Horner Ave. Unit 11 & 12, Toronto, Ontario M8W 4W3, Canada
Accounts Manager, Camera & Digital Systems: Sébastien Laffoux,
seb@arrican.com
Tel: +1 (1) 416 255 3335, Fax: +1 (1) 416 255 3399

Germany

Arnold & Richter Cine Technik (Headquarters, Sales & Service)
Türkenstraße 89, D-80799 Munich, Germany
Director Sales Camera: Thomas Popp, tpopp@arri.de
Tel: +49 (0) 89 3809 0, Fax: +49 (0) 89 3809 1244

Great Britain

ARRI GB Limited (Sales & Service)
2 Highbridge, Oxford Road, Uxbridge, Middlesex, UB8 1LX, England
Film Equipment Sales: Allan Fyfe, afyfe@arri-gb.com
Tel: +44 (0) 1895 457 000, Fax: +44 (0) 1895 457 001

Italy

ARRI Italia S.r.l. (Sales & Service, Milan)
Viale Edison 318, 20099 Sesto San Giovanni, Italy
Vice President: Antonio Cazzaniga, acazzaniga@arri.it
Tel: +39 02 262 271 75, Fax: +39 02 242 1692

ARRI Italia S.r.l. (Sales & Service, Rome)
Via Placanica 97, 00040 Morena, Italy
Camera Sales: Mauro Sembroni, msembroni@arri.it
Tel: +39 06 79 89 021, Fax: +39 06 79 89 02 206

USA

ARRI Inc. (Sales & Service, East Coast)
617 Route 303, Blauvelt, NY 10913-1109, USA
Vice President: Jürgen Schwinzer, jschwinzer@arri.com
Tel: +1 (1) 845 353 1400, Fax: +1 (1) 845 425 1250

ARRI Inc. (Sales & Service, West Coast)
600 North Victory Blvd., Burbank, CA 91502-1639, USA
Vice President: Bill Russell, brussell@arri.com
Tel: +1 (1) 818 841 7070, Fax: +1 (1) 818 848 4028

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ARNOLD & RICHTER CINETECHNIK

TÜRKENSTRASSE 89 / D-80799 MUNICH

PHONE +49 (0) 89 3809 0 / FAX +49 (0) 89 3809 1244

www.arri.com