

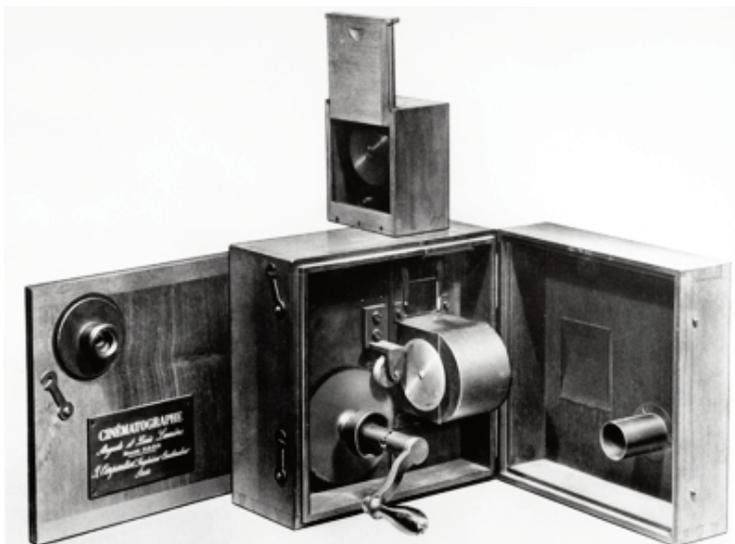
PARTE PRIMA

Capitolo primo

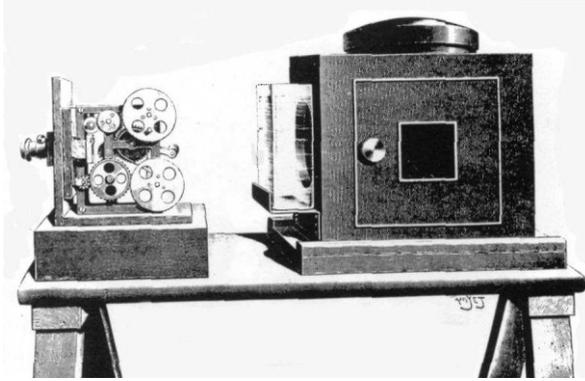
**IMMAGINI E FOTOGRAMMI DI APPROFONDIMENTO.
La camera, dai Lumière alla GoPro**



Ombre cinesi.



Il cinematografo dei Lumière, 1895.



Il kinetografo di Filoteo Alberini, 1895.



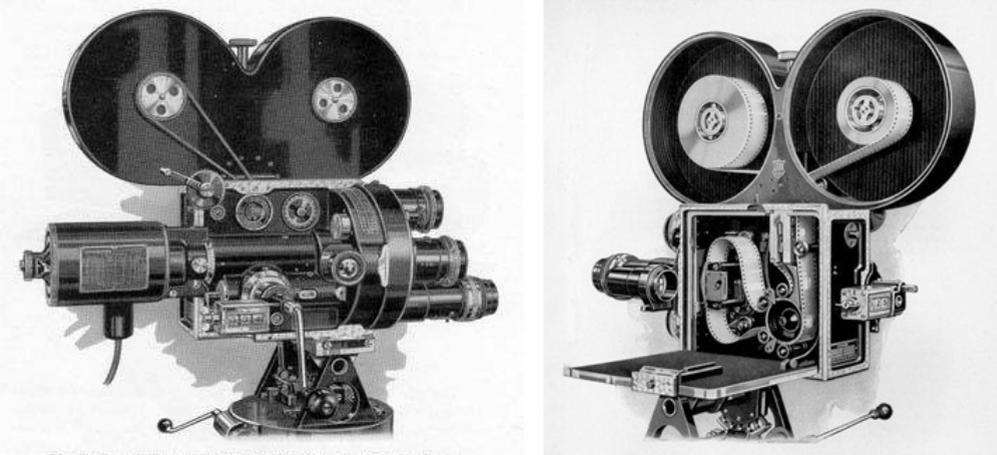
Il theatrograph di R.W. Paul e Birt Acres, 1896.



Debie Parvo, 1908.



Pathé Studio Camera, 1910.



The Bell & Howell Studio Camera, 1912.



Akeley Camera, 1919.



Kinamo ICA, camera a mano del 1925.

THREE-STRIP TECHNICOLOR PHOTOGRAPHY

The image features a photograph of a blue Technicolor camera on the left and a detailed schematic diagram of its internal mechanism on the right. The camera has two large reels on top and a lens assembly on the front. The diagram illustrates the path of light through the camera's prism system, showing how it is split into three primary colors (red, green, and blue) and then recombined. Key components labeled include the lens, apertures, filters, and mirrors.

Bipack Film: (emulsion surfaces in contact). front sensitive to **BLUE**; rear sensitive to **RED**.

Film: receiving **GREEN** image; emulsion facing prism.

(A) LIGHT: enters camera through lens.

(B) Gold-flecked Mirror (between prisms) which allows some light to pass straight through Aperture I; the rest being deflected at right angles through Aperture II.

(C) Filter - transmitting green light only.

(D) Magenta Filter: transmitting red and blue light.

(E) Aperture II.

(F) Aperture I.

(G) Aperture plates.

STUDIO'S FIRST 61 COLOR SHORTS USED THIS METHOD

OLIVER & BURNHAM

Camera Technicolor a tre colori, 1932.



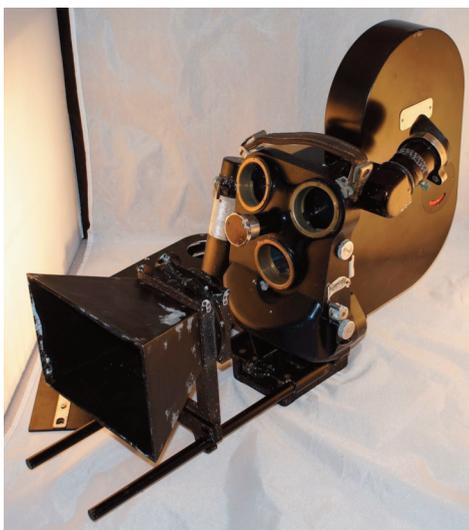
The Bell & Howell Eyemo, 1935.



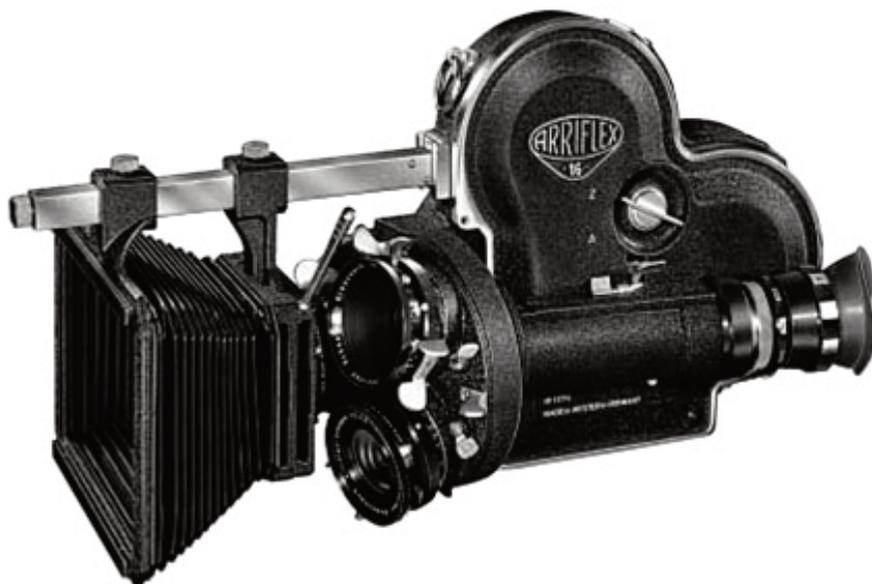
ARRIFLEX 35mm, 1937.



The Cunningham Combat Camera, 1935.



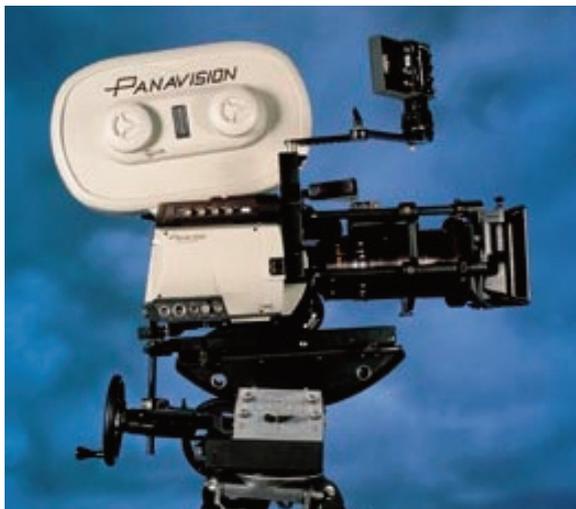
Éclair Caméflex 1948.



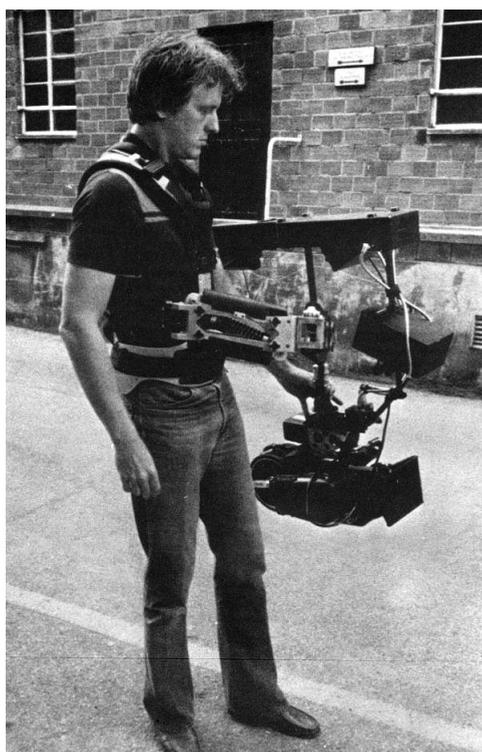
ARRIFLEX 16mm, 1952.



ARRIFLEX 16BL, 1965.



Panaflex Camera, 1973.



Garrett Brown e la steadycam.



Aaton 35mm, anni '80.



RCA Camcorder, 1987.



ARRIFLEX 535, 1990.



Canon 5D mark II, 2008.



RED ONE Camera, 2007.



Pace fusion 3D, 2008.



ARRI ALEXA, 2010 .



GoPro HERO Edition 5, 2016.