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From the Kinetoscope to the GoPro

First came the still image – Photography in the 1830's. In 1878 British photographer Eadweard Muybridge took the first successful photographs of motion, showing animals and people moving he developed the Zoopraxiscope – the first movie projector.

“The zoopraxiscope projected images from rotating glass disks in rapid succession to give the impression of motion. The stop-motion images were initially painted onto the glass, as silhouettes. A second series of discs, made in 1892--94, used outline drawings printed onto the discs photographically, then colored by hand. Some of the animated images are very complex, featuring multiple combinations of sequences of animal and human movement. The device appears to have been one of the primary inspirations for Thomas Edison and William Kennedy Dickson's Kinetoscope, the first commercial film exhibition system.” –

(<https://www.youtube.com/watch?v=Lm1iVbYns3Q>)

1888 – Thomas Edison patents the Kinetoscope – it is designed by William Dickson who was commissioned by Edison. It is designed for films to be viewed by one individual at a time through a peephole viewer window at the top of the device – the nickelodeon.

1895 - Louis & Auguste Lumiere invent Cinématographe - a device that took, printed, and projected film. The 16-frames-per-second projection speed of the Lumière Cinématographe became standard.

1912 – Bell & Howell introduce first all – metal camera – In 1910, the company made a cinematograph camera entirely of wood and leather. When Bell and Howell learned that their camera had been damaged by termites and mildew during an exploration trip in Africa by husband and wife filmmakers Martin and Osa Johnson, they designed the first all metal camera.

1927 – Sound – First Talkie – The Jazz Singer

1934 – Bell & Howell introduce first light weight movie camera – 8mm - the film came in a plastic cassette, making it possible to load in the daylight.

1935 – Eastman Kodak introduces Kodachrome- used for cinematography and photography - was the first color film that used a subtractive color method to be successfully mass-marketed - Before Kodachrome film was marketed in 1935, color photography had been achieved using additive methods and materials such as Autochrome and Dufaycolor, which were the first practical color processes. These had several disadvantages because they used *aréseau* filter made from discrete color elements that were visible upon enlargement.

1965 – Kodak releases the Super 8 camera – a hand held camera that was for amateur home movies – became popular

1983 – Sony released the first camcorder (Betamovie) – the Betamax tape was a hand held camera – no camera recorder cable – over the shoulder. Used a magnetic cassette tape.

1983 – JVC releases a VHS format camera – can take the small VHS tapes and insert inside of a large made VHS and watch on the TV via the VCR. No wires necessary to watch.

1995 – Development of the DVD – mini DVD use in camcorders - can transfer to your computer right away- inserted into DVD slot on computer.

2003 – Samsung releases the HDD camcorder – Smaller, sleeker version of the VHS format camera - flip cam - first digital camcorder – transfer to camera from computer via USB.

2006 – The Flip Cam – portable, small, practical, USB – load straight to your computer

2006 - Micro SD Card – digital cameras, smart phones – straight to the World Wide Web.

2014 – The Go Pro - in the action, hands free, first person account – social action – can be right in the action - through Wi-Fi and smart phone apps straight to the internet, shared through social media – everyone sees the video within seconds- can stream

**A Brief History: From the Kinetoscope to the GoPro
(1880's - Present)**

Kinetoscope



1888

Bell & Howell first all-metal movie camera



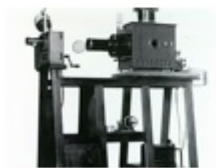
1912

Eastman Kodak introduces Kodachrome



1935

1895



Cinématographe

1927

First Talkie



1934



Bell & Howell first lightweight movie camera

1965



Kodak releases the Super 8 camera

SONY releases first camcorder



Development of the DVD



The Flip Cam



1983

1995

2006

2003

2014



JVC Releases VHS format Camera



Samsung release

HDD Camcorder



Micro SD Card



The GoPro