

# Brief History of Photography

- A.** 1837-Charles Cros and Louis Ducos du Hauron experimented with subtractive processes using dyes. Their methods are the basis for all modern color film.
- B.** James Clerk Maxwell-1860ish, formulated additive color
- C.** 1915-1935 Leopold Godowsky and Leopold Mannes
  - 1. Color motion pictures before 1922
  - 2. Kodachrome color movie film-1933
  - 3. April 15, 1935-Kodachrome Color Slide Film
    - a. First two-layer film
    - b. Agfa in Germany had the first three layer film
- D.** 1946-Agfa's technology is now public domain, Ektachrome is born
- E.** 1963- Unnamed student at Stanford University builds a camera that captures an image on a computer disk.
- F.** October 17, 1969-George Smith and Willard Boyle design the CCD
- G.** 1970-Smith and Boyle introduce the first solid state video camera
- H.** 1975-Steve Sasson, working for Kodak builds 100x100 CCD Digital camera, weighed 8 lbs.
- I.** 1975-Smith and Boyle introduce the first CCD camera of broadcast quality.
- J.** 1981-Sony Mavica (Magnetic Video Camera) Still video camera  
720,000 pixels on a 2" Floppy
- K.** 1986-Kodak unveils the first 1.4 mega-pixel sensor
- L.** 1987-The Kodak Photo CD
- M.** 1988-Canon Xapshot, another still video camera
- N.** 1990-Logitech Dycam Model 1: 376x240 Pixel B&W digital image. First fully digital consumer camera. Needed a TV to view images.
- O.** 1991- The Kodak DCS: a Nikon F3 with a 1.3 Mp sensor  
About \$13,000,00
- P.** 1994-Apple Quicktake 100: Color digital camera that actually sent 640x480 pixel images to a computer. Had a built-in flash
- Q.** 2002-Canon 1Ds 11.1 Mp Full-Frame 35mm Sensor DSLR
- R.** 2003-Canon Digital Rebel was the first affordable DSLR 6Mp
- S.** 2008-Nikon D3x: 24Mp Full-Frame 35mm Sensor DSLR
- T.** 2009-Canon, Nikon, Sony, and Leica all offer Full-Frame sensor cameras.
- U.** 2009- Kodak discontinues Kodachrome film.
- V.** 2009- George Smith and Willard Boyle receive the Nobel prize in Physics for the invention of the CCD.
- W.** 2009/2010/2011- New camera types emerge: mirrorless DSLR's, 4/3 rangefinders, large-sensor point-n-shoots, video-capable DSLR's