**SCANS & TELECINEMA TECHNOLOGY**

**Blackmagic Cintel**
- 16/S16/35mm

**Lasergraphics Scanstation Personal**
- 8/S8/9,5/16/S16/35mm

**MWA Flashscan Nova**
- 8/S8/16/S16mm

**Muller HDS**
- 8/S8/9,5/16/S16mm

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**Image Digitized While Moving (Flashing)**

- **Fixed Sensor & Optics:** only part of the sensor is used for scanning sub-formats. They are therefore scanned at a smaller resolution.

- **Color CCD Sensor with Bayer Filter:**
  - lesser quality (artefacts)
  - one flash per image is sufficient

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**Mobile Sensor & Optics:** one can zoom and use all the surface of the sensor for sub-formats. All formats can be scanned with the same resolution.
image scanned while moving (sent to three monochrome line sensors).

16/S16/35mm
many evolutions from 1996 to 2007
tungsten lamp / CCD sensors

8/S8/16/S16/35mm
from 2009 to nowadays
LED source / TDI sensor

Using a CMOS monochrome sensor eliminates problems due to the Bayer filter.

image stops to be scanned with a monochrome sensor and several flashes. Excellent for quality but much slower.

image stops to be scanned, and the sensor moves accross the image like on an office scanner.