

# Open Source Digital Cinema Camera

>> full manual control of everything <<  
based on Elphel 353

## Target Sheet

### Technical Specs:

- **APS-C or Full frame sensor**
- **RAW** recording
- **full manual control** of **everything**
- **Full HD**
- **USB Audio Hardware with XLR sockets**
- **ALL major aspect ratios** supported **including anamorphic**
- **ALL major framerates** supported
- freely **adjustable framerates**
- **timelapse** capable
- **stop-motion** capable
- **HDR** (with AEB or green Pixel gain shift)
- lower Resolution recording for **higher framerates**
- optional **automatic whitebalance modes** and **automatic exposure time**
- **mobile power** supply
- **SATA HDD** or **CF Cards** recording
- **geotagging**
- records **quicktime movies** or **image sequences**
- **still frame** capable (can serve as medium format camera as soon as sensors come)

### The philosophy:

The plan is to create a new unique cutting-edge camera for digital filmmaking that does not rely on protected patents and secret knowledge to maximize profit and marketshare.

- fully transparent free open source software and open hardware
- affordable and customizable
- by the community for the community

~~design.~~  
~~code.~~  
~~engineer.~~  
~~advertise.~~

**Participate.**

## Current Product Sheet

Technical Specs:	History:
<ul style="list-style-type: none"><li>• 5 Megapixel 1/2.5" progressive 12bit CMOS Sensor</li><li>• <b>RAW</b> recording</li><li>• <b>full manual control</b> of <b>everything</b></li><li>• <b>Full HD</b></li><li>• <b>ALL major framerates</b> supported</li><li>• freely <b>adjustable framerates</b></li><li>• <b>timelapse</b> capable</li><li>• <b>stop-motion</b> capable</li><li>• <b>HDR</b> (with AEB or green Pixel gain shift)</li><li>• lower Resolution recording for <b>higher framerates</b></li><li>• optional <b>automatic whitebalance modes</b> and <b>automatic exposure time</b></li><li>• <b>mobile power</b> supply</li><li>• <b>SATA HDD</b> or <b>CF Cards</b> recording</li><li>• <b>geotagging</b></li><li>• records <b>quicktime movies</b> or <b>image sequences</b></li></ul>	

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