

# Digital cinema specification released.

**Source:** <http://www.derkeiler.com/Newsgroups/sci.crypt/2005-07/1621.html>

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**Date:** 07/28/05

Date: Thu, 28 Jul 2005 15:49:02 GMT

This is how the movies in the future will be encrypted and stored for digital cinema.

[http://www.dcmovies.com/DCI\\_Digital\\_Cinema\\_System\\_Spec\\_v1.pdf](http://www.dcmovies.com/DCI_Digital_Cinema_System_Spec_v1.pdf)

If this is a scanning system (not sure) then all we need is to pick up the signal in the place like this:

<http://www.cl.cam.ac.uk/~mgk25/ieee02-optical.pdf>

As discussed here:

[http://groups-beta.google.com/group/sci.crypt/browse\\_frm/thread/bc5838b2ec329027/bf4a9daef940100?q=panteltje](http://groups-beta.google.com/group/sci.crypt/browse_frm/thread/bc5838b2ec329027/bf4a9daef940100?q=panteltje)

As you see, in the new system it is no longer needed to focus and get a good screen shot.  
Just the light is enough.

Ahum.

Would that be illegal?

It is not encrypted when displayed.... And you payed for it in the cinema ;-)

Well you probably get send to Cuba.

The non Castro part that is.

Anyways, transmission to the cinemas will be via satellite, the encryption uses AES with a 128 bit key.

I have no plans ATM ....

But maybe others ....

If one could intercept it, you would have really HIGH resolution FIRST.

<disclaimer>

It is a public document.

</disclaimer>

Place here your bets for the year it is hacked ;-).

yesterday

2005

2006

2007

2008

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never