# 20.000.000 40.000.000 photographers

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Bedding the costs

digital this

Post systems March

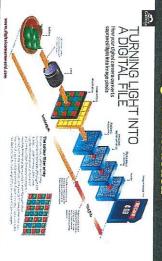
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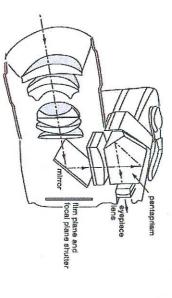
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## cameras replaced the core Have mass produced digital Understanding of photography?

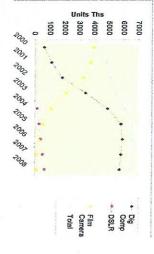
- technology. Digital Pictures & and processing are instant, unlimited cheaper and widely available as stand alone units or part of dual time to finished photo is instant. increasing the ability to improve ones composition Skills Quicker, as Digital has contributed to the art of photography cameras are
- machines in order to take a good photograph Do we really need to understand light and its interaction with







## **UK Camera Unit Sales**



## 35mm film

- grain or sharpness silver, the amount of silver dictates the A main ingredient in a film negative is
- ·A digital cmos sensor struggles to reach
- •A 35mm negative can produce up to the equivalent of 20 MILLION per square

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aimed at teaching you how much you can enlarge your photographs depending on what type of digital camera you're using and what the pixel settings are on your Many people who use digital cameras want to know how large they can blow up or enlarge their photographs based the megapixel count of their camera. This article is

resolve, at which point its MTF just about hits zero Fuji Velvia 50 is rated to resolve 160 lines per millimeter. This is the finest level of detail it can

Each line will require one light and one dark pixel, or two pixels. Thus it will take about 320 pixels per millimeter to represent what's on Velvia 50.

320 pixels x 320 pixels is 0.1MP per square millimeter

35mm film is 24 x 36mm, or 864 square millimeters

To scan most of the detail on a 35mm photo, you'll need about 864 imes 0.1, or 87 Megapixels

as a piece of 35mm film. But wait: each film pixel represents true R, G and B data, not the softer Bayer interpolated data from digital camera sensors. A single-chip 87 MP digital camera still couldn't see detaits as fine

- sales as illustrated has shown no trend in subsiding Digital Photography is now a fact of life, and the rise in increasing
- Tests and results have shown that digital photography has become
- and use in industry. a medium reaching an expectable level of reproduction for personal
- ! I would certainly conclude that digital photography's main
- advantage is speed
- with technology. benefits of truly understanding the beauty of light and its interaction In a Digital world where time v's money "seems" to out weigh the
- way since the days of Neolithic sun burn. imprinted interaction with the sun, and cameras have come a long It is my own personal conclusion that the human body was the first

camera eye and maybe a different view of his/her surroundings is a But if a child can pick up a camera in this day and age and see his or her results within seconds, the ability to develop a more artistic

same, I like to think as digital being a first class introduction to Digital / analogue have separate processes but the end game is the understanding.

faster process ,Abstract/artistic/harmonic/sympathetic

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