

The Dark Age

You've Never
had it
So Good

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The Golden Age

Why “You’ve never had it so good” photography before and after digital cameras

Cameras

Exposure

Processing

Pros and Cons

Cameras - Pre-Digital



Camera – Post Digital



Film Sizes

Expose all frames before dev

120, 620, 220 – all 6 cm wide

- 8, 12 , 24 photos per roll

127 - 46 mm wide film

- 8, 12, 16 photos per roll

35 mm – very popular

110, 126 about 16 mm wide

Same ISO Film speed for whole roll

SD Cards

Process one, several, many

The main features are

- Many images per card
- Can vary ISO for each photo
- Pixels per image

Camera Exposure – Pre – Post Digital

Exposure – Set manually

- F-Number - Meter or experience
- Aperture
- Shutter
- Focus – Fixed or Manual
- ISO – 25, 50, 100, 200, 400

Burst Mode – Need Motor drive

Bracketing – Manual

- Advance & Expose

Exposure

- Auto - Selective area
- Aperture - Priority
- Shutter - Priority
- Time - +Seconds to 1/4000
- ISO – 25 – 12,500

Burst mode 3, 5, 10 frames

Bracketing – Taken automatically

Film Processing

Equipment required

- Tank, Spiral, Loading
- Dev, Stop Bath, Fixer, Wash
- Warming plate – cold weather
- Thermometer
- Timer
- Film Drying

Digital Equipment required

- Digital Camera
- Cable
- Computer

Time Saved – any of these

- 3 Hours
- 5 Hours
- 1 Day

Print Processing

Equipment required

- Dishes
- Dev, Stop Bath, Fixer, Wash
- Warming tray
- Contact printer
- Enlarger
- Thermometer
- Timer
- Drying and Glazing

Digital Equipment required

- Computer
- Printer

Time Saved – any of these

- 3 Hours
- 5 Hours
- 1 Day

Print - Techniques

Contact prints

Enlargements

Printer paper – Soft, Normal, Hard

Burning and dodging

Test Strips

Digital Technique

- Computer
- Printer
- Photo Editing software
- Print in minutes

Time Saved – any of these

- 3 Hours
- 5 Hours
- 1 Day

Home Colour film processing

Possible

- 35mm colour slides

Impossible

- Colour prints
- Develop negative – possible
- Enlarger
 - Colour calibration
 - Gelatine filters C-M-Y
 - Drum to hold print

Digital Technique

- Computer
- Photo Editing software
- Google Photo Albums
- Printed Photo Books

Easily done at home

Film Processing – Still for Sale

Ilford Black/White - £8.50 36 exp
35mm

But does one really want to use old
technology

Bulk 35mm – 100 metres - £60

Processing solutions

Summary

Pre Digital – Mostly Cons

Black and White presentation

- Dramatic results
- Artistic?

Time consuming and awkward

- Had to concentrate on processing techniques just to get a B/W print or colour slide

Post-Digital – Many Pros

Simple editing tasks

- Crop
- Clone out unwanted objects
- Technically good images
- Can concentrate on presentation

Dangers of too many

- Camera setting options
- Photo editing tools

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Thank you for watching

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