



The world's best specification for digital photography

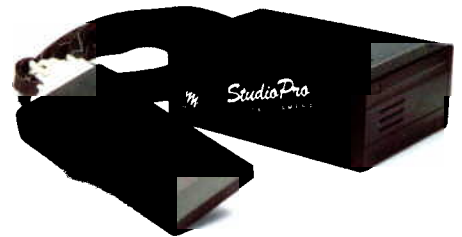




The Dicomed "Pro Series" of Digital Scanning Camera Backs



- Three models to choose from
- Resolution up to 6,000 x 7,520 pixels
- Variable file sizes from 2 MB to 129 MB
- 1GB internal hard drive
- Fits all 4 x 5 view cameras, copystands and microscopes
- Use with any continuous light source - daylight, tungsten, high-frequency fluorescent or HMI
- Controlled by any Macintosh, Macintosh PowerBook or PC computer

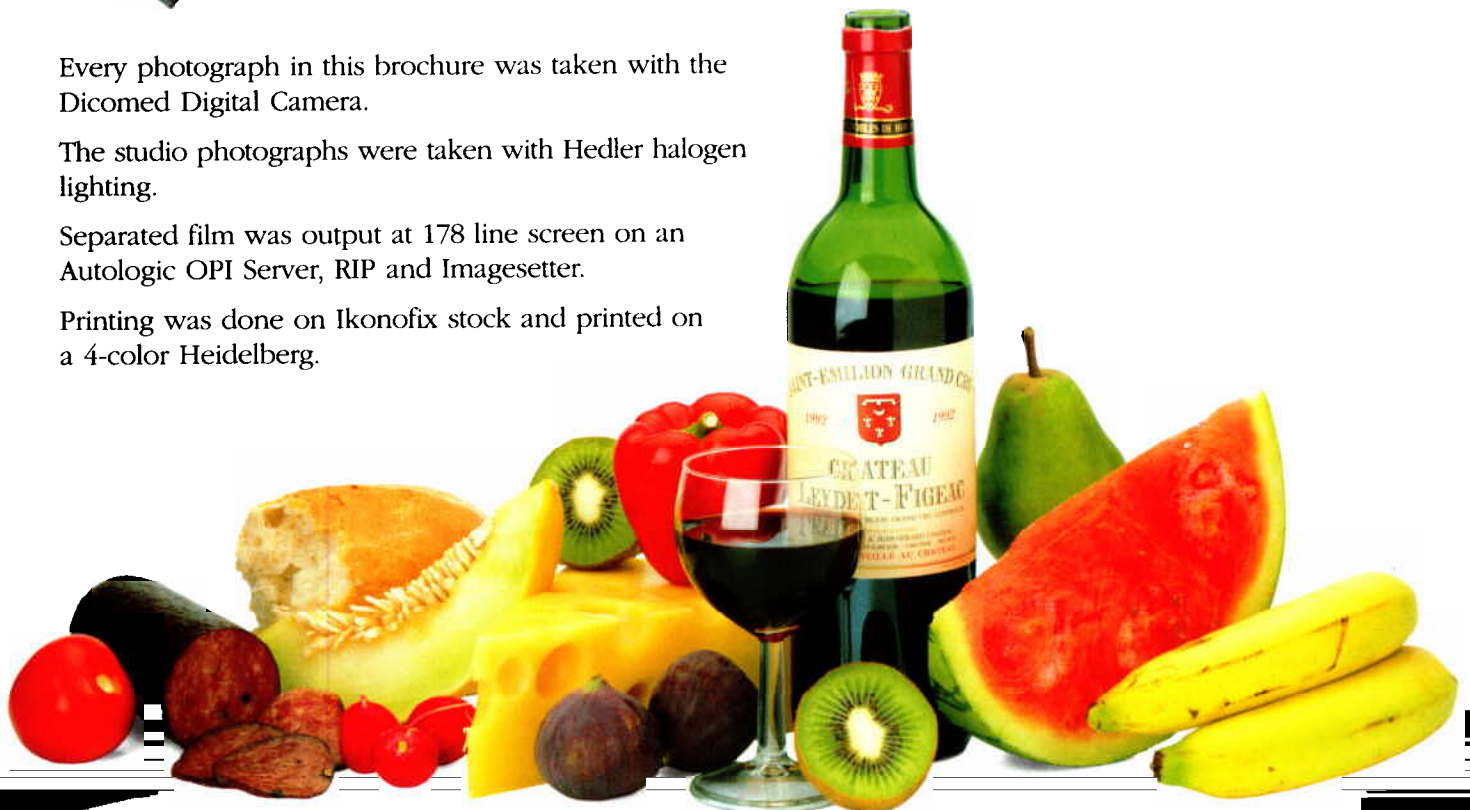


Every photograph in this brochure was taken with the Dicomed Digital Camera.

The studio photographs were taken with Hedler halogen lighting.

Separated film was output at 178 line screen on an Autologic OPI Server, RIP and Imagesetter.

Printing was done on Ikonofix stock and printed on a 4-color Heidelberg.





Dicomed "Pro Series" Digital Scanning Camera Back Specifications

Models

- FieldPro - fully portable model capable of 2-129 MB file capture and includes 12V battery and aluminium travel case
- StudioPro XL - studio based model capable of 2-129 MB file capture
- StudioPro - studio based model capable of 2-32 MB file capture

Systems Features

- Inserts like 4x5 film holder
- Focus and compose normally on the camera's ground glass
- Compact design allows a full range of view camera movements
- Use with any 4x5 camera, lens and accessories
- Real-time color adjustment on the 2 MB full-color preview displaying full dynamic range
- Automatic grey balance and white point/black point control
- Use with any stable continuous light source - daylight, tungsten, high-frequency fluorescent or HMI
- On-screen cropping tool for arbitrary scan dimensions
- Rapidly interchange with standard film holders and other inserts (e.g., Polaroid)
- Utilize the full range of view camera movements
- Optional adapter for use with Mamiya RZ67 and RB67

User-selectable image area

(Physical size) up to 72 x 90mm (2.8 x 3.5 inches)

- 115mm image area diagonal is over 75% of original, centered in original area
- User-selectable image resolution (pixel size) up to 83 pixels/mm (2116 pixels/inch)
 - Minimize file size and scan resolution to final print size
 - Sub-pixel averaging by DSP for flawless real-time resolution reductions
- One-pass color scanning time determined by exposure and resolution settings

- Use independent RGB lookup tables for real-time 24-bit file storage with any user-selected/generated transfer function
- Optimize image contrast, color balance and tonal range for each scan
- Store images as 8-bit monochrome, with selectable color response

Camera Insert

- 6000 pixel by 3 line tricolor CCD (one-pass color scan)
- Pixel resolution over 72 x 90mm (115mm diagonal) area
- 12-bit ADC's for 8+ f-stops of dynamic range
- Independently programmable electronic "shutters" for R,G,B
- ASA selections from 100 to 1600

Compact, portable, easy to use system

- Controlled by any Macintosh, Macintosh Powerbook or PC computer
- FieldPro has battery operation and internal hard drive for field and location photography

Resolution

- FieldPro and StudioPro XL - 6,000 x 7,520 pixels (2-129 MB file)
- StudioPro - 3,000 x 3,760 (2-32 MB file)
- Reproduction quality superior to 4x5 film - no film grain

Extended dynamic range and flexible color balance

- Accurately capture more than 8 f-stops of information
- Optimize the desired contrast and tonal range for each image
- Choose instantly from six fully adjustable color balance settings

Rapid full-color 2MB preview scans

- Verify composition, exposure, and color balance on-screen
- Exposure tools include on-screen histogram and "spot meter"

- Fast, accurate setup - reduce instant film expense and waste
- Savable for page make-up use

One-pass color scanning with selectable size and resolution

- Capture a full size color image (129 MB) in as little as 2:30, FieldPro and StudioPro XL
- Capture a full size color image (32MB) in as little as 1:15, StudioPro
- Match scan to desired output size for maximum output quality

Easy to learn user interface

- Select desired scan area using on-screen preview image
- Select desired scan resolution to match output requirements
 - Eight choices, from 2 MB to 129 MB (full area) on FieldPro and StudioPro XL and 2 MB to 32MB for StudioPro
- Select desired line time in 1/3 f-stop increments
 - Eight choices, from 1/40 sec to 1/8 sec per line
- Select desired color balance
 - Six choices, each fully adjustable
- Select desired contrast (tone curve) before or after image capture
 - Six choices, each fully adjustable
- Use normal composition and focusing methods
- Utilize standard spot or incident metering
- Rapid on-screen preview with histogram and image metering
- Capture color, black and white and infrared digital images
- Adjust image contrast and color balance as desired
- Modular system for future upgrades and additional devices

Storage/Processing Unit on all models

- 1GB internal hard disk
- Dual SCSI systems (internal storage, external storage/transfer)
- Serial port camera control

Options

- Digital Camera Adapter for Mamiya RZ67 and RB67



Dicomed

Photography without compromise.

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