



PROFESSIONAL

PHOTOGRAPHY DIVISION

KODAK Professional Digital Camera System

Introducing a new direction in photography from Kodak. The KODAK Professional Digital Camera System. How is it a new direction? Quite simply, Kodak is a manufacturer of consumable products - film and paper. This camera does not use film.

The reasoning behind the system was simple - it was designed for photojournalist work. Consider the press photographer, they usually shoot in remote sights, with little time to get their vital pictures back to the editor, before the press deadline. If a photographic device could be built that would allow a photographer to not have to process his film, and would allow rapid transmission of images to another site, it would be invaluable. This is what has been produced with the KODAK Professional Digital Camera System.

The KODAK Professional Digital Camera System is a portable unit producing high-resolution digital imagery. With it you can take photographs and immediately preview your images without the need for a photoprocessing cycle. You can immediately upload these images to a Macintosh computer for image manipulation and transmission.

The KODAK Professional Digital Camera System consists of an electronic camera back and winder fitted to an unmodified Nikon F3 High-Eyepoint camera. The winder connects via a cable to an Image Storage Unit (ISU). Instead of using film, the film camera back is replaced with an electronic camera back supplied with the KODAK Professional Digital Camera System.

The camera back consists of a KODAK M3 imager available in a color and a monochrome model. When an exposure is made the imager records data on a 1024 by 1280 pixel matrix, resulting in images composed of 1.3 million pixels of data. You can shoot at an ASA of upto 200 with the color camera and upto 800 with the monochrome camera.

A separate camera winder connects to the bottom of the camera, and is linked to the Image Storage Unit via a cable. The camera winder performs an 8-bit analog to digital conversion of the image data and transmits digital data to the Image Storage Unit. The winder incorporates a shutter release button used instead of the Nikon F3 High-Eyepoint shutter release

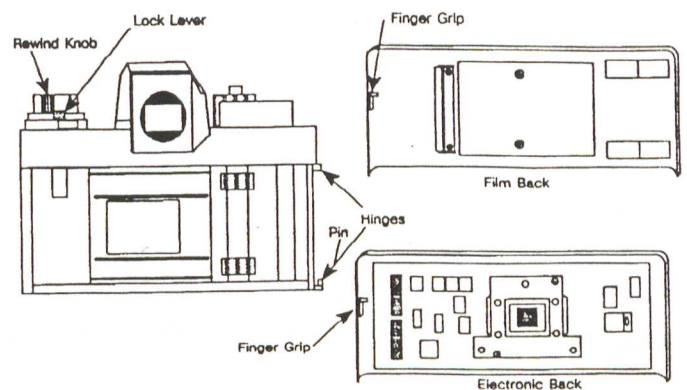
button, and a motor drive. (A power winder is required even though no film is used because the camera body is unmodified and the shutter must be recocked after each picture.)

The Image Storage Unit includes an Image Display that shows each photograph as it is taken. You can store upto 160 photographs on the 200 megabyte hard disk in the Image Storage Unit.

Ten megabytes of dynamic random access memory (DRAM) are incorporated in the Image Storage Unit. As a result you can take upto seven pictures at 2.5 images per second; then the rate slows to one image every two seconds.

KODAK Professional Digital Camera System files, once uploaded to your Macintosh computer are compatible with Adobe Photoshop, Letraset ColorStudio, and other similar packages.

Thanks to Kodak technology you can now shoot images of amazing resolution, and send them via modem anywhere in the world faster than you ever thought possible.



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The new vision of Kodak



Specification

Camera

| | |
|----------------------|--|
| Power | Rechargeable Camcorder Battery or 12V AC Supply |
| Warm Up Callibration | None Required |
| Equivalent ISO (max) | Color CCD Camera 200. Monochrome CCD Camera 800 |
| A/D Accuracy | 8-Bit A/D Conversion (In Winder) |
| Resolution | KODAK M3 Imager Array. 1024x1280 Pixels |
| Interface | Small Computer Standard Interface (SCSI) |
| File Size | 1.3 M bytes |
| Size | |
| Weight | |