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QuickTake 100 for Macintosh: Specifications (10/94)

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Security: Everyone

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TOPIC -----

This article describes the specifications of the Apple QuickTake 100 Digital Camera for Macintosh.

DISCUSSION -----

Image

- 24-bit color

Memory

- 1MB of FLASH EPROM stores up to 32 standard-resolution images, 8 high-resolution images or a combination of high and standard-resolution images
- Storage time: up to one year

Resolution

- 320 by 240 pixels (standard resolution)
- 640 by 480 pixels (high resolution)

Optics

- Fixed-focus lens
- Focus range: 4 feet to infinity
- Field of view: equivalent to a 50-mm lens on a 35-mm camera
- Optical viewfinder
- Aperture from f2.8 to f16

Speed

- Shutter speed: from 1/30 to 1/175 of a second
- Cycle time: average 4 seconds
- Self-timer: 10 seconds

Built-in Flash

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- Three modes: Automatic, On, or Off
 - Range 4 to 9 feet
 - Flash cycle time: 7 seconds

Power

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- Includes three rechargeable AA NiCad batteries
 - Supports three 1.5 V AA, R6P, LR-6, or SUM-3 NiCad or lithium batteries
 - Battery recharger
 - Option AC adapter

Interface

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- Serial port for connection to Macintosh printer or modem port

User Controls

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- Shutter release, resolution, flash, self-timer, and Erase All Images

LCD Status Window

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- Number of images that have been taken
 - Number of images remaining
 - Resolution, flash, and self-timer settings
 - Erase All Images
 - Battery level

Operating Environment

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- Operating - 0° to 40° C (32° to 104° F)
 - Storage (6 months) - -40° to 47° C (-40° to 117° F)
 - Transit (72 hours) - -40° to 65° C (-40° to 149° F)
 - Humidity - 20 to 95 percent, non-condensing
 - Altitude - No limitation other than specified temperature and humidity limits

QuickTake 1.0 Application

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- Display thumbnails of images
 - Select, process, and view images
 - Rotate images by $\pm 90^\circ$
 - Crop, scale, and zoom in on images
 - Cut, copy, and paste images into other applications
 - Erase images in camera
 - Save pictures in PICT, TIFF, or QuickTake file formats
 - Transform images to 16 bit, 8 bit, and 1 bit
 - Uses ColorSync for automatic color matching to screen and printer

(ColorSync included)

- Compress images with QuickTime software (QuickTime included)
- View images immediately with camera connected to Macintosh

QuickTake Setup

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- Access from the control panel
 - Lets you mount camera as a volume onto your desktop

System Requirements

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- A Macintosh with a 68020 or higher central processing unit (any Macintosh except a Macintosh Plus, SE, Classic, Portable, or Powerbook 100)
 - System software version 7.0.1 (with Tune-Up 1.1.1) or later
 - 4 MB of RAM with 8 MB of virtual memory or 8 MB of RAM
 - Apple SuperDrive
 - Hard drive with at least 10 MB available

Article Change History:

- 17 Oct 1994 - Added Operating Environment specifications.
- 19 Apr 1994 - Added system requirements.

Support Information Services

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