



Tech Info Library

QuickTake 100: Information Stored on Flash EPROM (12/94)

Article Created: 12 December 1994

TOPIC -----

I want to use the QuickTake 100 for some projects where I need to make sure that the information stored in the camera cannot be retrieved after the camera is cleared. I need to know some security questions.

DISCUSSION -----

1) How is the information stored in the camera?

- Picture data and info are stored on flash EPROM. Flash EPROM is an electrically erasable non-volatile memory, meaning that it does not require power to the chip to retain the data stored in it.

2) How is the information cleared (erased) from the camera?

- Data is erased by user command, either from the control panel on the camera or from the host application.

3) Once "erased" is there a technical means to retrieve information?
(Similar to Norton Utilities for hard drives)

- No - erasing the data means overwriting each byte and filling the memory with FFs. If the memory does not overwrite with FFs, a hard failure is declared and the camera displays an error condition and does not operate.

4) If the Camera is damaged and must be returned for repair, is there a component (e.g. EPROM) that can be removed to positively insure that the storage media is not allowed out of government control.

- No. The EPROM is a surface mounted device, and is soldered directly to the circuit board.

Support Information Services
Copyright 1994, Apple Computer, Inc

Keywords: <None>

=====

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 16881