

3. SUMMARY OF OPERATION AND FUNCTION

FUJIFILM, Model FinePix40i is the new digital camera equipped with the next-generation CCD – the Super CCD, which produces high-resolution image files.

Instead of conventional square photodiodes, this Super CCD uses octagonal ones that pixels are configured in an interwoven pattern, which dramatically increases the effective resolution.

This digital camera can be captured high-quality digital images and recorded those digital images at 4.3 million-pixels in a 2,400 X 1,800 array onto an image memory card, SSFDC (Solid-State Floppy Disk Card) by using intelligent image processing.

The 1/1.7-inch Super CCD of Model FinePix40i pushes its ISO sensitivity up to 200. This gives you added range to shoot where other digital camera fail in low light.

This camera can be also captured video with sound. That is, video images with sound can be recorded for 80 seconds at the longest.

The Model FinePix40i has a new LSI processor that was developed specifically for the Super CCD. This LSI processor accelerates transmission speed dramatically so that the signal reaches the image processor immediately. And the image processor is redesigned for high-speed handling of images up to 2,400 X 1,800 pixels. Namely, it only takes 1.5 second for the Start-up, less than 1 second for the pause between single-frame shots by the high-speed handling.

This digital camera can take photographs while the image is viewed on a 1.8-inch LCD monitor made by low-temperature polysilicon and/or the external TV monitor during either Manual or Auto Camera mode.

4. TEST FACILITY

The open area test site and conducted measurement facility of TDK EMC Center used to collect the radiated data is located in 543 Otai, Saku-City, Nagano, Japan.

This TDK EMC Center Chikumagawa Open Site has been fully described in a report that they have submitted to your office, and accepted in your letter dated August 17, 1997 (31040 / SIT).

5. SUMMARY OF TEST RESULTS

Radiated Radio Noise Measurement -----**PASS**

Conducted Radio Noise Measurement -----**PASS**