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1. Introduction

1.1. Overview

Memory Stick is a small-sized, lightweight media for recording digital information, used by a variety of appliances such as digital still camera etc., and its application range is widely broadening.

The Still Image File Format Specification provides data management methods and data format to guarantee compatibility among appliances handled still images so that users can use the Memory Stick without knowing the file format or directory structure in detail.

1.2. Scope

This specification covers the rules for all appliances which read and write still images in Memory Stick. Still images shall be recorded in conformity with these rules in Memory Stick.

1.3. Definitions

DCF	DCF Version1.0 Design rule for Camera File System (DCF) Japan Electronic Industry Development Association (JEIDA) 1998
Exif	Exif Version2.1 Digital Still Camera Image File Format Standard Japan Electronic Industry Development Association (JEIDA)1998
JPEG Standard	ISO/IEC 10918-1 ITU-T Recommendation T81 information technology - Digital compression and coding of continuous-tone still images - Requirements and guide-lines

2. Still Image File Format

2.1. JPEG Form

It is required to be recorded various data other than still images in Memory Stick, and the data shall be applied to practical use collectively. Therefore, the option of DFC format featuring still image basic file, is not fully supported. File location and file format of still image shall conform to DCF standard, and option shall be as shown below.

2.1.1. Directory Rules

DCF shall be conformed to.

2.1.2. File Rules

Supporting thumbnail files is not mandatory.

Supporting playback of DCF object is not mandatory.

2.1.3. File Format

DCF shall be conformed to.

2.1.4. Others

Files shall be written assuming usage in the conditions above.

2.2. Forms other than JPEG

Still image file in a form other than JPEG cannot be handled in the basic DCF format. These files shall be recorded as DCF extended image file.

2.2.1. Format

Format is specified for each extension. (BMP、GIF、TIFF、PCX. etc.)