

[0119] Under the control of the main controller 250 composed of a CPU, a ROM, and a RAM for example, the camera-equipped digital mobile phone MS3 converts an audio signal picked up by the microphone 221 in the audio talk mode into digital audio data through the audio codec 259. The camera-equipped digital mobile phone MS3 performs spread spectrum processing on the digital audio data through a modulation/demodulation circuit 258 and performs digital-to-analog conversion and then frequency conversion on the digital audio data through a transmission/reception circuit 263, sending the resultant data via the antenna 214.

[0120] The camera-equipped digital mobile phone MS3 amplifies a reception signal received at the antenna 214 in the audio talk mode, performs frequency conversion and analog-to-digital conversion on the amplified signal, performs reverse spread spectrum processing on the converted signal, and converts the resultant signal into an analog audio signal through the audio codec 259. The camera-equipped digital mobile phone MS3 outputs a sound corresponding to this analog audio signal from the speaker 217.

[0121] Further, in the data communication mode, when sending electronic mail, the camera-equipped digital mobile phone MS3 sends the text data of electronic mail inputted from the operation keys 219 and the jog dial 222 to the main controller 250 via the operation input controller 252.

[0122] The main controller 250 performs spread spectrum processing on the text data through the modulation/demodulation circuit 258 and then digital-to-analog conversion and frequency conversion through the transmission/reception circuit 263, sending the resultant text data to the base station CS3 (FIG. 20) via the antenna 214.

[0123] In the data communication mode, when receiving an electronic mail, the camera-equipped digital mobile phone MS3 performs, through the modulation/demodulation circuit 258, reverse spread spectrum processing on the reception signal received from the base station CS3 via the antenna 214 to restore the original data and displays the original data on the liquid crystal display 218 through the LCD controller 255 as an electronic mail.

[0124] Then, the camera-equipped digital mobile phone MS3 also can record the received electronic mail in accordance with the operation by the user into the Memory Stick 223 via the recording/reproducing section 262.

[0125] In the data communication mode, when sending image data, the camera-equipped digital mobile phone MS3 supplies the image data taken by the CCD camera 216 to the image encoder 253 via the camera interface 254.

[0126] When not sending image data, the camera-equipped digital mobile phone MS3 can also display the image data taken by the CCD camera 216 onto the liquid crystal display 218 via the camera interface 254 and the LCD controller 255.

[0127] The image encoder 253 converts the image data supplied from the CCD camera 216 into coded image data by coding and compressing based on a predetermined coding algorithm such as MPEG2 (Moving Picture Experts Group 2) or MPEG4 for example and sends the coded image data to the multiplexer/demultiplexer 257.

[0128] At this moment, the camera-equipped digital mobile phone MS3 sends an audio signal picked up by the microphone 221 while taking the image by the CCD camera 216 to the multiplexer/demultiplexer 257 via the audio codec 259 as audio data.

[0129] The multiplexer/demultiplexer 257 multiplexes the coded image data supplied from the image encoder 253 with the audio data supplied from the audio codec 259 by a predetermined algorithm, performs spread spectrum processing on the resultant multiplexed data through the modulation/demodulation circuit 258, and performs digital-to-analog conversion and frequency conversion through the transmission/reception circuit 263, outputting the resultant data via the antenna 214.

[0130] In the data communication mode, when receiving the data of a moving image file linked with a simplified home page for example, the camera-equipped digital mobile phone MS3 performs reverse spread spectrum processing on the reception signal received from the corresponding base station CS3 via the antenna 214 through the modulation/demodulation circuit 258 and sends the resultant multiplexed data to the multiplexer/demultiplexer 257.

[0131] The multiplexer/demultiplexer 257 divides the multiplexed data into coded image data and audio data, supplying the coded image data to the image decoder 256 and the audio data to the audio codec 259 via the synchronous bus 261.

[0132] The image decoder 256 generates reproduced moving image data by decoding the coded image data by the corresponding predetermined decoding algorithm such as MPEG2 or MPEG4 for example and supplies the reproduced moving image data to the liquid crystal display 218 via the LCD controller 255. Consequently, the camera-equipped digital mobile phone MS3 displays the moving image data contained in a moving image file linked with a simplified home page for example.

[0133] At the same time, the audio codec 259 converts the audio data into an analog audio signal and supplies it to the speaker 217. Consequently, the camera-equipped digital mobile phone MS3 reproduces the audio data contained in the moving image file linked with the simplified home page for example.

[0134] In this case, as with an electronic mail, the camera-equipped digital mobile phone MS3 also can record the data linked with the received simplified home page into the Memory Stick 223 via the recording/reproducing section 262 as operated by the user.

[0135] In addition to the above-mentioned configuration, the camera-equipped digital mobile phone MS3, as with the first embodiment, stores the flash ID, which is unique identification information, and a corresponding SSL-compliant browser program in a flash memory 250a in the main controller 250. On this basis of this browser program, substantially the same processing as that described with reference to the procedures shown in FIGS. 16 through 19 in the first embodiment can be executed.

[0136] A program storage medium for storing the programs that execute the above-mentioned series of processing operations which are installed initially or after sales in the mobile information terminal and the camera-equipped digi-