CLAIMS:

1. An information code reading system provided with an information code reader and a server which are communicable to each other, an information code being read by the information code reader and being configured to have a plurality of types of cells arranged, tones, depths, or luminance levels of the cells being different between the types, characterized in that

the information code reader comprises

imaging means for imaging the information code, the information code containing an error correction region arranged for correcting an error in the information code;

cell information generating means for generating cell information by quantifying the cells of the information code contained in an image imaged by the imaging means, depending on the tones, depths, or luminance levels; and

transmitting means for transmitting to the server the cell information generated by the cell information generating means, and

the server comprises

decoding means for decoding the information code imaged by the imaging means, based on the cell information received from the information code reader; and

server-side controlling means for performing control based on results decoded by the decoding means,

wherein

the information code reader comprises

error correcting means for correcting the error in the cell information obtained by the cell information generating means, based on the error correction region, and

determining means for determining whether or not it is possible that the cell information obtained by the cell information generating means can be corrected by the error correcting means, and

the transmitting means is configured to transmit, to the server, the cell information when the determining means determines that it is possible to correct the cell information.

2. The information code reading system of claim 1, characterized in that

the transmitting means is configured to transmit, to the server, the cell information of which error have been corrected by the error correcting means, when the determining means determines that it is possible to correct the cell information.

3. The information code reading system of claim 1 or 2, characterized in that the server-side controlling means is configured to transmit, to the information code reader, at least a part of the decoded results.

4. The information code reading system of claim 1 or 2, characterized in that the server-side controlling means is configured to transmit, to the information code reader, information which is obtained from the decoded results but different from the decoded result.

5. An information code reader, the reader optically reading an information code in which a plurality of types of cells are arranged, the cells having tones, depths, or luminance levels which are different between the types, characterized in that

imaging means for imaging the information code, the information code containing an error correction region arranged for correcting an error of the information code;

cell information generating means for generating cell information by quantifying the cells of the information code contained in an image imaged by the imaging means, depending on the tones, color depths, or luminance levels;

transmitting means for transmitting to a server the cell information generated by the cell information generating means, the server having a decoding function; and

reader-side controlling means for performing control based on information received from the server in response to transmitting the cell information,

wherein the information code reader comprises

error correcting means for correcting the error of the cell information obtained by the cell information generating means, based on the error correction region, and

determining means for determining whether or not it is possible that the cell information obtained by the cell information generating means is corrected by the error correcting means, and

the transmitting means is configured to transmit, to the server, the cell information when the determining means determine it is possible to correct the cell information.

6. The information code reader of claim 5, characterized in that

the transmitting means is configured to transmit, to the server, the cell information of which error is corrected by the error correcting means, when the determining means determine it is possible to correct the cell information.