

Title of Invention: VIDEO IMAGE COMMUNICATION SYSTEM, RECEPTION
DEVICE, TRANSMISSION DEVICE, METHOD, PROGRAM, AND RECORDING
MEDIUM WITH PROGRAM RECORDED THEREIN

5

ABSTRACT

A system, a device, a method, a program, and a recording medium with the program
recorded thereon, which enable transmitted videos to be reproduced in real time without
delay and the reproducibility of videos to be improved are provided. In addition, a system, a
10 device, a method, a program, and a recording medium with the program recorded thereon,
which allow states including a degraded communication state to be recognized in a real time
manner without delay. A video communication method includes dividing each of a plurality
of still image frames of a video including the plurality of still image frames into a plurality
of blocks, encoding the plurality of blocks individually on a per block basis, and transmitting
15 an encoded block obtained by encoding a block of the plurality of blocks by a connectionless
communication scheme, and reconstructing, for each of the plurality of still image frames, a
still image frame by allocating, at a corresponding position, a decoded block generated by
decoding the encoded block of one said still image frame, the encoded block being received
in an encoded block reception period corresponding to the one still image frame, in which
20 the encoded block reception period is a period from a current frame start time to a time at
which a certain time has elapsed, the certain time being obtained by adding a margin time to
an expected time for receiving all encoded blocks of one frame.

[Figure 1]

25

30