

MULTIPLEXER AND IMAGING SYSTEM

Abstract

5 Multiplexer (100) according to the present invention
includes: an input unit (11) to which a plurality of image
signals based on a first data communication standard are
input, the image signals being acquired by respective
imaging devices (2); an output unit (14) that outputs an
10 image signal based on a second data communication standard
having a data transfer rate lower than that of the first
data communication standard; and a storage unit (12) that
temporarily buffers the image signals input from the input
unit (11). With such a multiplexer 100, it is possible to
15 collectively convert the image data acquired by a plurality
of imaging devices adopting a certain data communication
standard into another data communication standard and
suppress the data transfer delay caused by the conversion.

20 Fig. 2