

ABSTRACT

A high-resolution and compact endoscopic apparatus is provided. The endoscopic apparatus comprises: an insertion unit (110) configured to be inserted into a body cavity and guide light from an object (A); an illumination device (120) attached to the insertion unit (110) and illuminating the object (A); and an imaging device (130) comprising 8K-level or higher-level pixels arranged in a matrix form. The imaging device (130) receives light reflected from the object (A) and guided through the insertion unit and outputs image data of the object (A). The pitch of the pixels of the imaging device (130) is equal to or larger than the longest wavelength of illumination light emitted from the illumination means.

FIG. 1