Photon collection

Clock conversion to correct voltage level, preamplification

Clock generation, digitization, image readout

Bias voltages, multiplexing

Image compression, setup

To satellite

CCD42-10

Analog signal

Clocks

Biases

CRB-A

C/H signal

Clocks

Biases

CRB-D

16 bit image

Setup

Biases

x7

CPRU

16 bit data

Setup

Power

OBC

12 bit image

Commands

Power

Biases