
Camcontrol ↔ MCU ↔ PC(RS-232)

Where:
- MCU – microcontroller unit;
- PLD(FPGA) – FPGA-type programming logic device;
- Datain[8] – 8-digit input data bus (pixel brightness);
- Camcontrol – camera control bus;
- DataXYout[32] – 32-digit output bus for X and Y coordinates;
- PC (RS-232) – port for communication with the PC and other system’s components (the UART interface is used as an example)