

Title: The mvBlueFOX-MLC compact single board camera with integrated FPGA can be perfect for your OEM imaging application.

The mvBlueFOX-MLC module is a fully featured compact single-board camera perfectly targeted for space and cost sensitive OEM applications. A superior image quality in combination with a very high frame rate make the camera ideally suited for embedded applications. The driver in combination with the FPGA represents a perfect team which reduces the PC load to a minimum.



Fully featured means you will have the same features as the standard mvBlueFOX-2xx (with housing) on one single-board! Up until now, the mvBlueFOX-MLC has only been available with the WideVGA CMOS from Aptina (90 fps), however, on demand we can add other sensors. Other features are: 10 bit ADC, 8 Mbyte memory, digital I/O choice: 1/1 opto-isolated or 2/2 TTL compliant digital, high dynamic range mode (110 dB), AOI with horizontal and vertical step width of 2 pixels. The size without lens is just (w x h x l): 35 x 33 x 25 mm, and the weight without lens is only 10 g. The camera can be operated in an ambient temperature range of 5..55°C, S-mount.

There are several assembly variants offered: Mini-B USB connector and digital I/O pin header, USB via header without Mini-B USB connector, female board connector instead of pin header (for direct board-to-board connection). There are three different S-mount depths offered as well as C(S)-mount compatibility using mvBlueCOUGAR-X flange.

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