## **USB3.0 INTERFACE BOARD**

FOR SONY FCB-EV, EH & SE600





## **FEATURES**

- o Supports Sony FCB-EV, EH & SE600
- o Up to 1080p30, 4:2:2 YUV format
- o Y, Pb, Pr 75 ohms, 1 V analog video output \*
- o USB Video Class (UVC) Compliant
- o USB Communication Device Class (CDC)
- o Support Windows and Linux OS
- o Board and camera management by DIP switches
- o Power supply 5V-9 VDC \*\*
- o Tiny module size 48mm x 45mm x 11 mm
- \* Refer to the camera technical manual for video standard supported
- \*\*Refer to camera technical manual for max power supply input

### Video output from FCB to USB3.0

Facility and flexibility

A single USB3.0 cable is required to power, to control and collect the video stream from the camera. This enables easy implementation of image capture solutions on most devices with a USB3.0 port.

#### Add-on connector

A very useful connector on the back side of the USB3.0 module directly connected to the FPGA will allow you to plugin additional boards to implement your own functions (Sync information, strobe pulse, external trigger, accelerometer, SD card for local storage...)

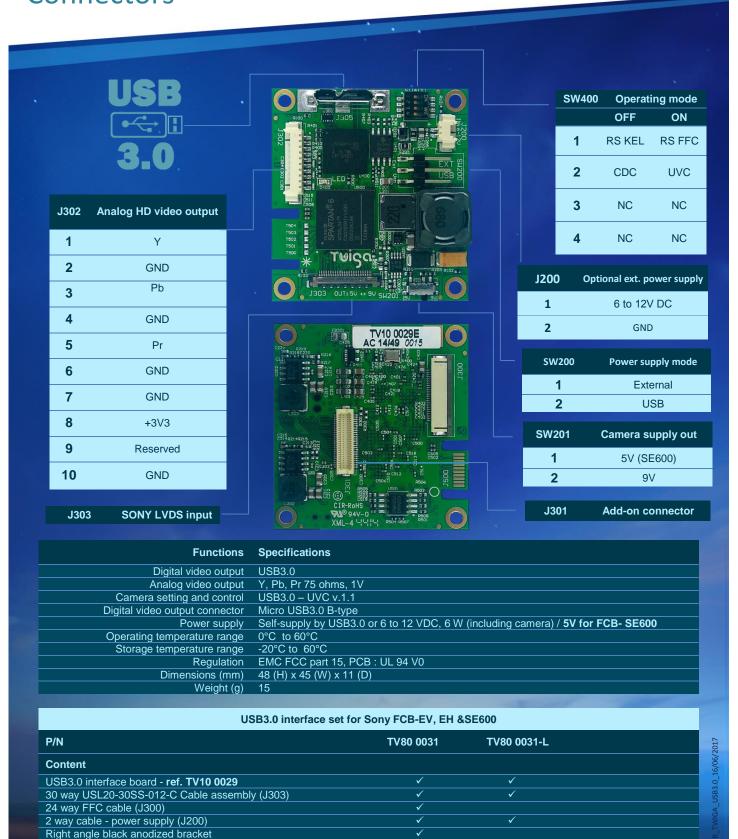
## Display video: UVC 1.1 & DirectShow compatibility

The drivers on the camera are compatible with UVC v1.1 (USB Video Class).

This allows to directly use standard software for image capturing and viewing (VLC, Amcap, VirtualDub ...), image processing, streaming (Skype), or application programming using the DirectShow library.



# Onboard Connectors





Screws + spacers

