

# 6G-SDI INTERFACE BOARD

FOR SONY FCB-ER8300 4K camera

**Twiga**



- TWIGA has designed the first 6G-SDI interface board for SONY 4K Eagle camera block.

All the camera resolutions and frame rates are supported. You will take advantage of the full range of HD resolutions the Sony 4k camera offers (up to 2160p29.97) and much more.

**4K**  
ULTRA HD

## FEATURES

- 6G-SDI (SMPTE ST-2081) digital video output
- Supports 4k resolution – 2160p25/29.97Hz
- Supports 1080p50/59.94, 1080p25/29.97, 720p 50/59.94
- Powerful Kintex-7 FPGA
- Real time scaling & image processing
- Board and camera control via RS232/TTL
- BNC connector- SMB or MCX option
- Low consumption
- Tiny module

### ○ Video output from HD to 4K

The 6G-SDI module can output the camera 4k image or a region of interest (ROI) in 1080p. You can move the ROI position within the 4k image and you can switch instantaneously from one to the other without restarting the camera.

### ○ Custom image processing

The Twiga 6G-SDI interface board is based on a powerful Kintex-7 FPGA that allows real time scaling and enables you to implement your custom image processing algorithms.

### ○ Compact & cost effective solution

In addition to the greater details and clearer 4k picture, the Twiga 6G-SDI interface board combined with the Sony 4k camera module, offer a cost effective solution for wide variety of imaging application.

Highly compact the 6G-SDI module can be mounted at the top or the rear of the Sony FCB-ER8300 camera.

## TARGET APPLICATIONS



