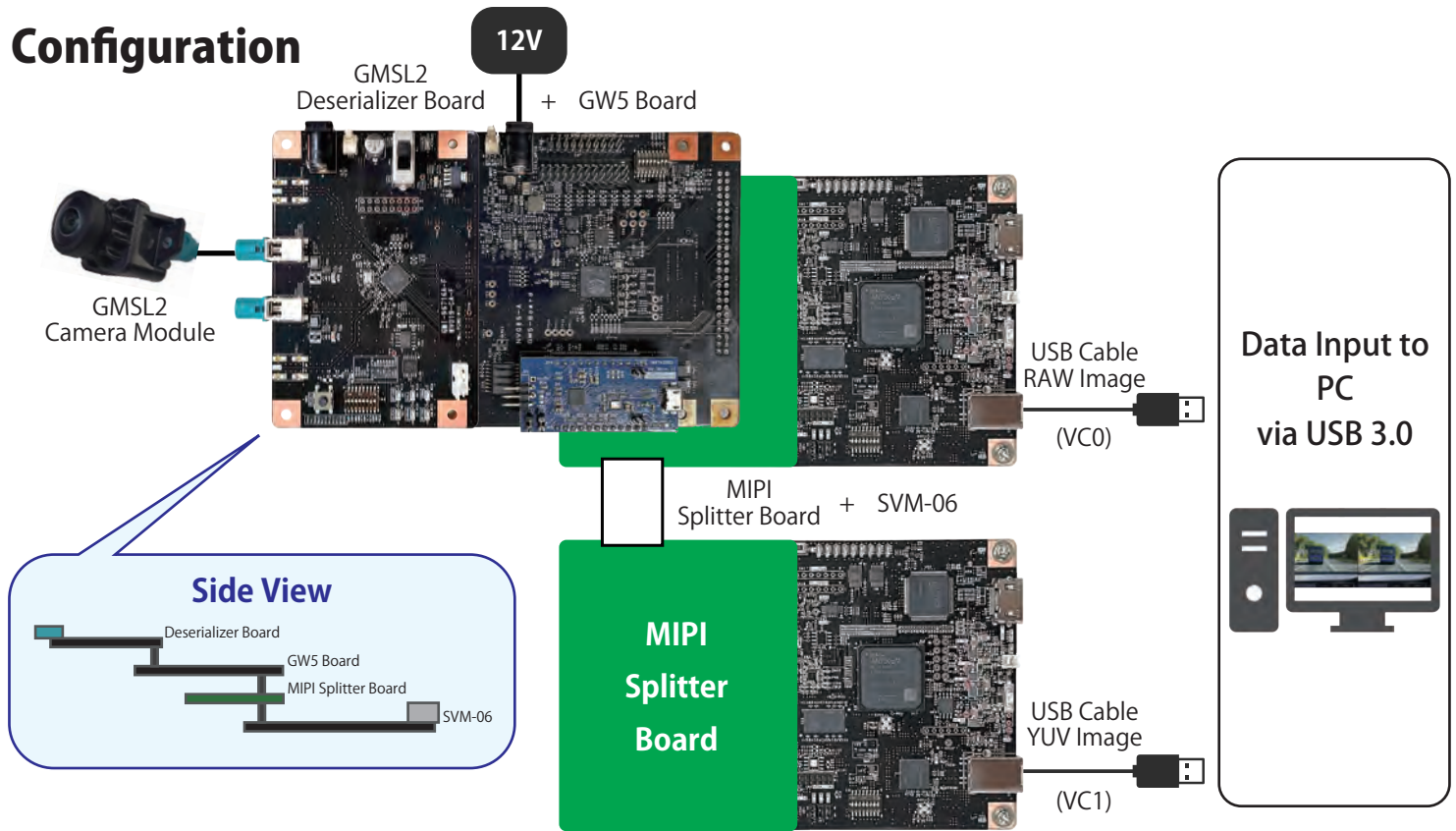


## MIPI Virtual Channel Simultaneous Capturing

### MIPI splitter board enables simultaneous capturing of multiple video streams

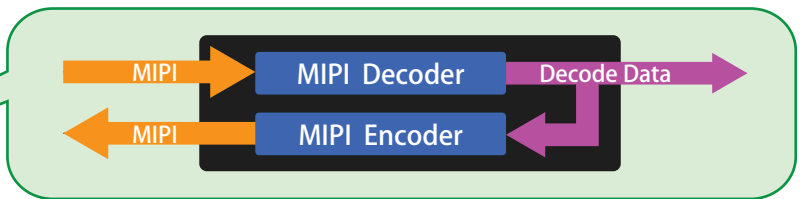
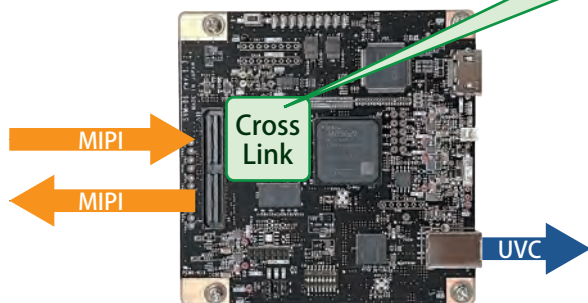
- ◆ Image Source : 5.4M Pixel IMX490 GMSL2 RAW Camera
- ◆ Image Processor : GEO GW5410 ISP, RAW Input and RAW and YUV Output
- ◆ Output Image : Dual UVC, RAW12 and YUV422, 2880x1860@30Hz

### Configuration



Two SVM-06 capture RAW(VC0) and YUV(VC1) respectively. Power supply for the camera is connected to the GW5 board. FT4222 module enables GEO apps to access GW5410.

### [About MIPI Signal Split]



- SVM-06 can duplicate the MIPI signal in combination with Decoder and Encoder.
- Daisy-chain connection can support not only 2 units but also 3 units or more.
- No data loss in MIPI Short / Long packets allows each board to selectively capture virtual channels and Embedded Data.

