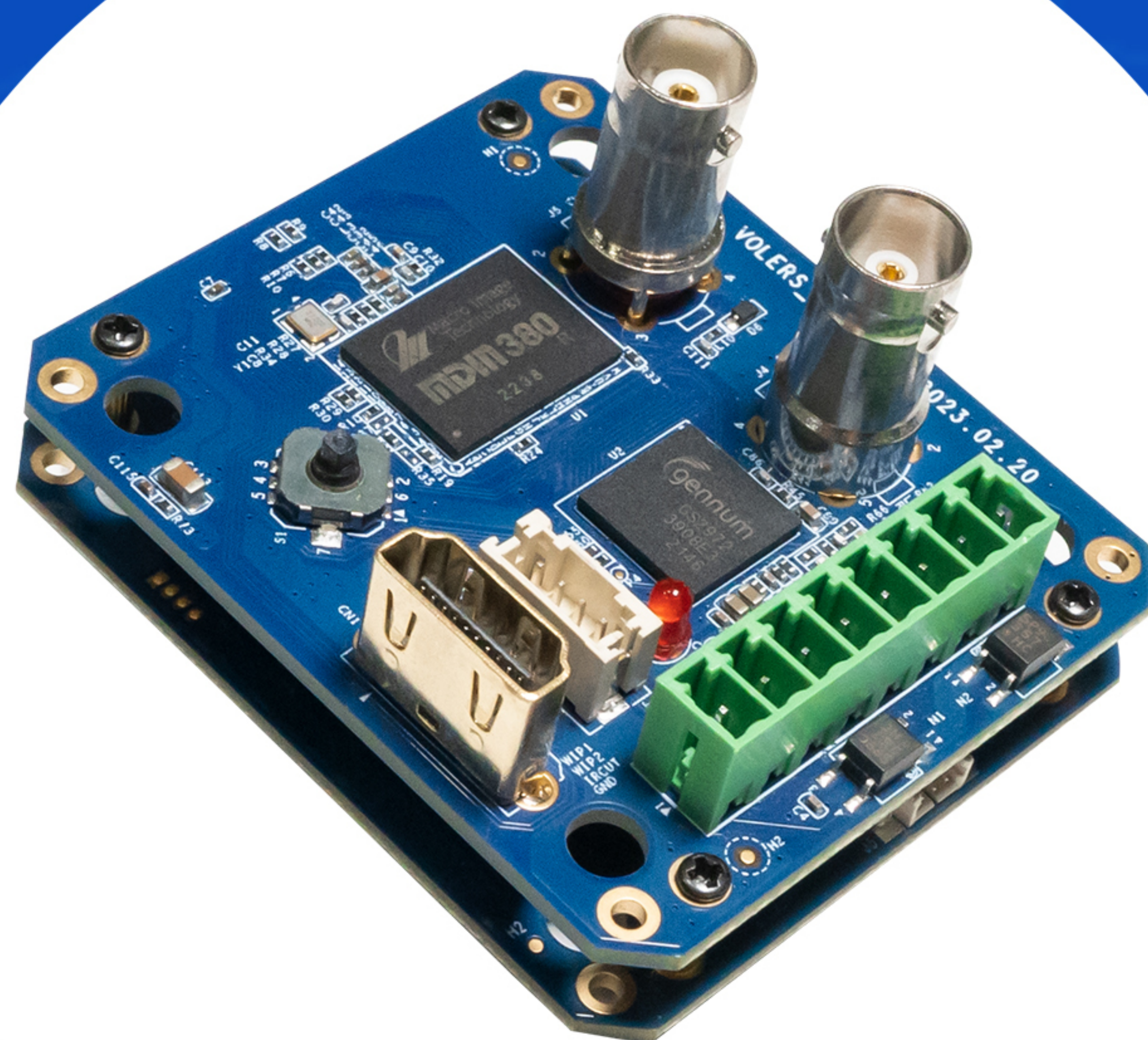




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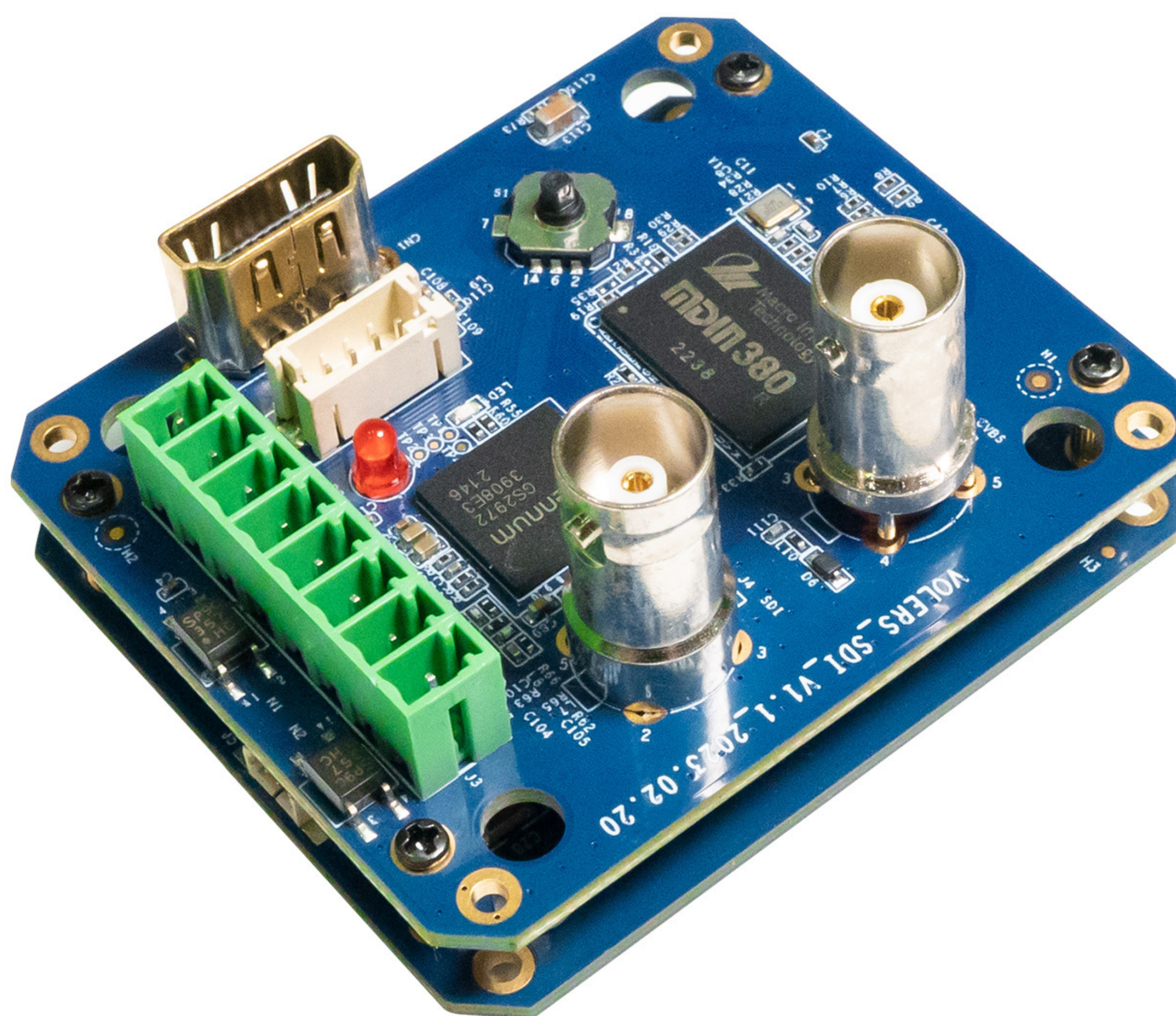
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PCB-HD201 SDI/HDMI/CVBS (all-in-one) Interface Board for Sony FCB Zoom Camera Block

User Manual



Description:

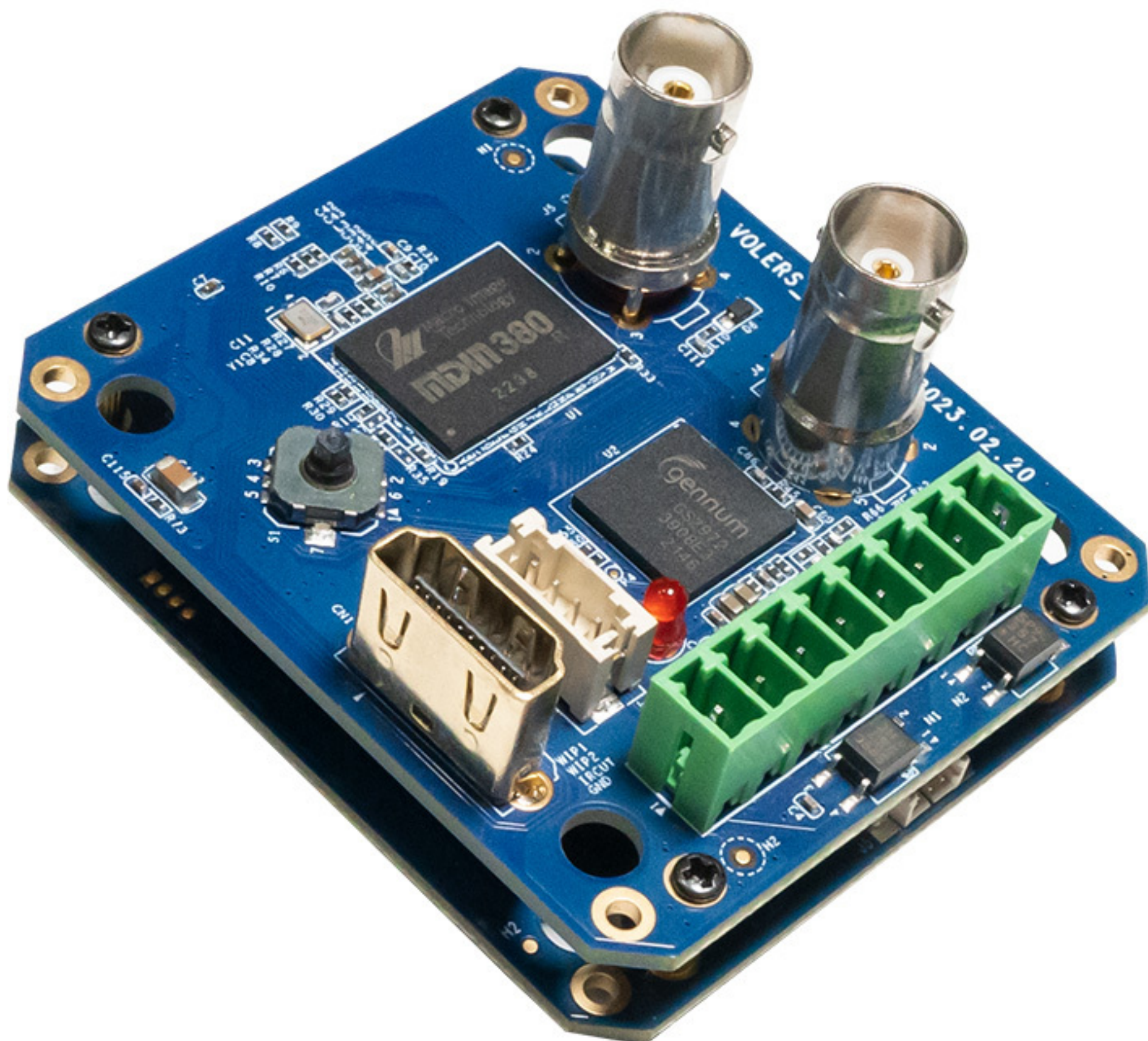
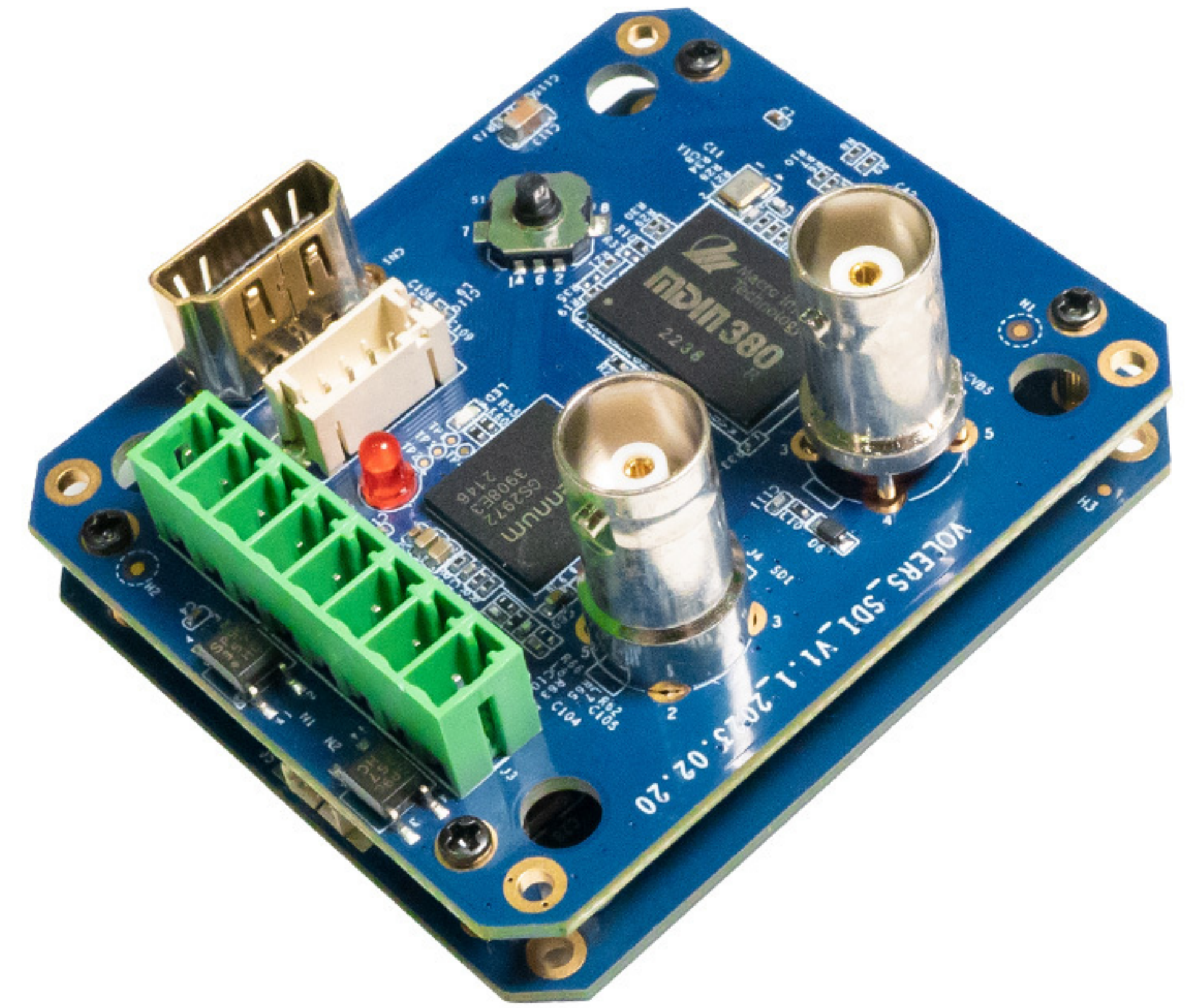
SDI/HDMI/CVBS (All-in One) interface board is specially designed for SONY FCB HD zoom camera blocks. The board converts LVDS camera signal to 3G-SDI, HDMI and CVBS formats synchronously. It can automatically identify HD signals without making any settings for the zoom camera block. Besides Sony FCB series cameras, other cameras of SONY VISCA protocol are also compatible.

Supported zoom cameras and video formats

Supported zoom cameras: Video format:	1080P50 1080P60	1080P25 1080P30	720P	HDMI and CVBS
FCB-EH6300/CH6300				
FCB-EH6500/CH6500				
FCB-EV7100/CV7100				
FCB-EV7300/CV7300				
FCB-EV7310/CV7310				
FCB-EV7320/CV7320	1080P60 1080P59.94 1080P50	1080P30 1080P29.97 1080P25	720P60 720P59.94 720P50 720P30 720P29.97 720P25	Synchronized output with network video f ormat
FCB-EV7317/CV7317				
FCB-EV7500/CV7500				
FCB-EV7520/CV7520				
FCB-EV7517/CV7517				
FCB-EV7520A/CV7520A				
FCB-EH3300/CH3300				
FCB-EH3400/CH3400				
FCB-EH3150/CH3150				
FCB-EV5500/CV5500				
FCB-EV5300/CV5300				

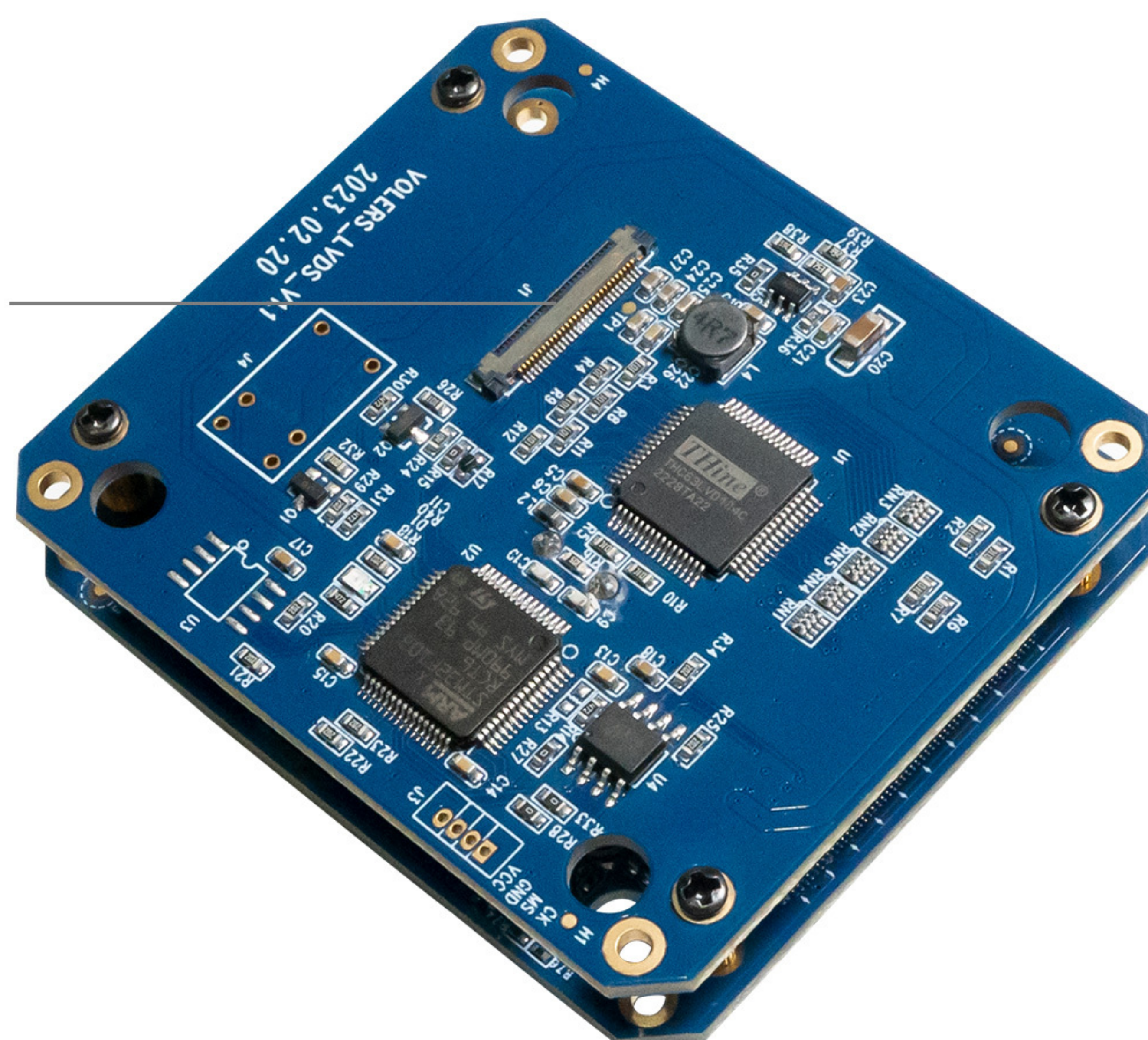
Features

- ① Support image signal of Sony FCB HD series and compatible cameras, and provides synchronous output of 3G-SDI/HDMI/CBVS video signals.
- ② Call the OSD menu through menu button or RS485 controller, which is convenient for setting various menu functions and save the setting.
- ③ An infrared LED can be externally connected, and an infrared LED external synchronization interface is provided, which can avoid the failure of the synchronization between infrared LED and the night vision mode.
- ④ Support RS485 control, automatically identify PELCO-D, PELCO-P protocol, baud rate 2400bps, 4800bps, and 9600bps. Address 1--255.



- ⑤ Support the power-off memory function. Menu setting will be saved during power failure.
- ⑥ Support RS232 control, and transmit VISCA protocol through RS485 control. Easy communication with computer or MCU (Optional)
- ⑦ Change the video format to 720P50, 1080I50, or CVBS to recover the image during image display failure by using unique video format setting. Video format can also be changed remotely through the RS485 controller.
- ⑧ Ten preset positions and automatic touring function. Touring time is 5 ~ 999 seconds. (Optional)
- ⑨ Extra function switches can be selected to facilitate the control of the external devices such as wipers. (Optional)
- ⑩ Compatible with any cameras of SONY VISCA protocol.

LVDS connector



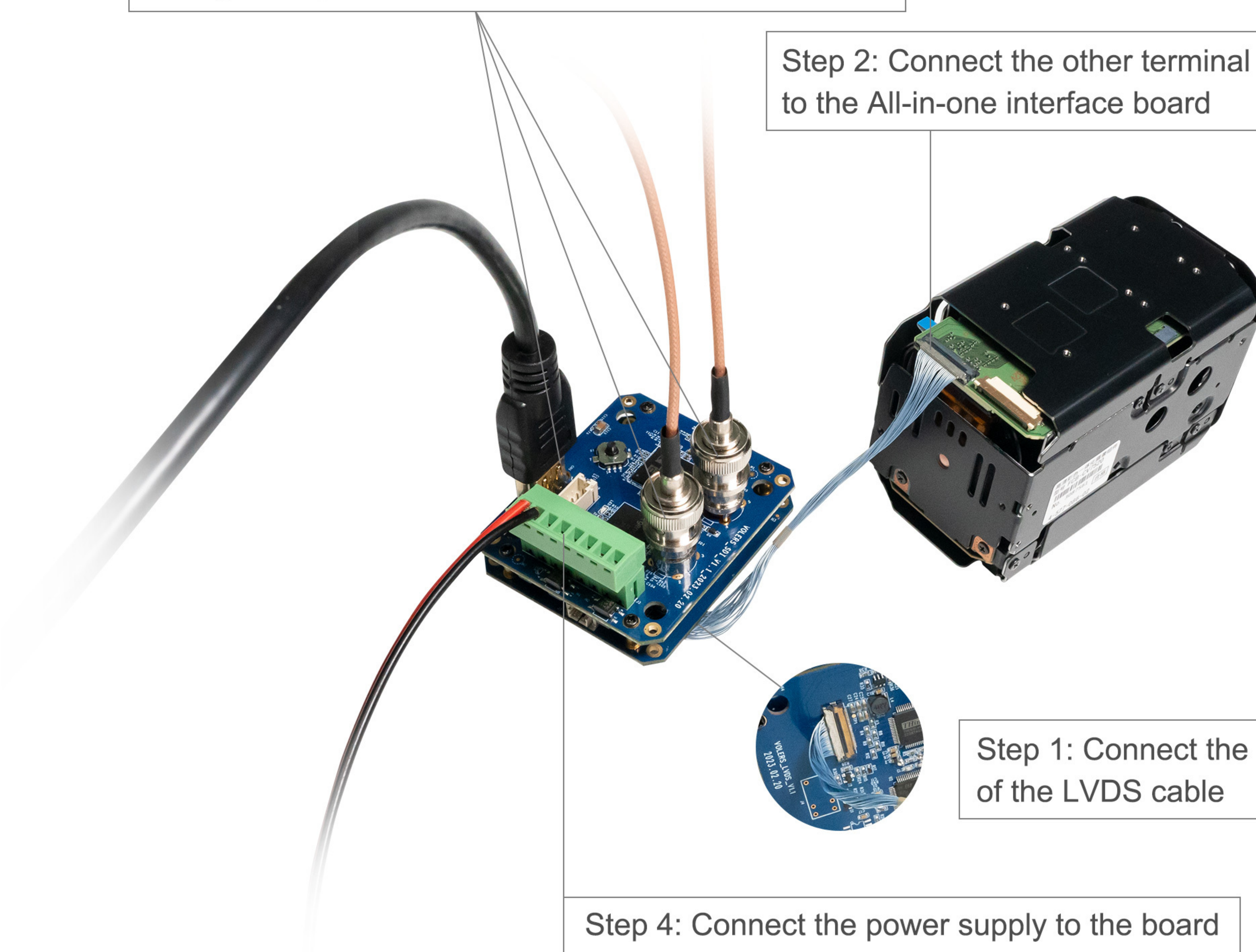
How to connect the zoom camera with the interface board

Step 3: Connect the interface board to the monitor(s) using HDMI,SDI and CVBS cables.

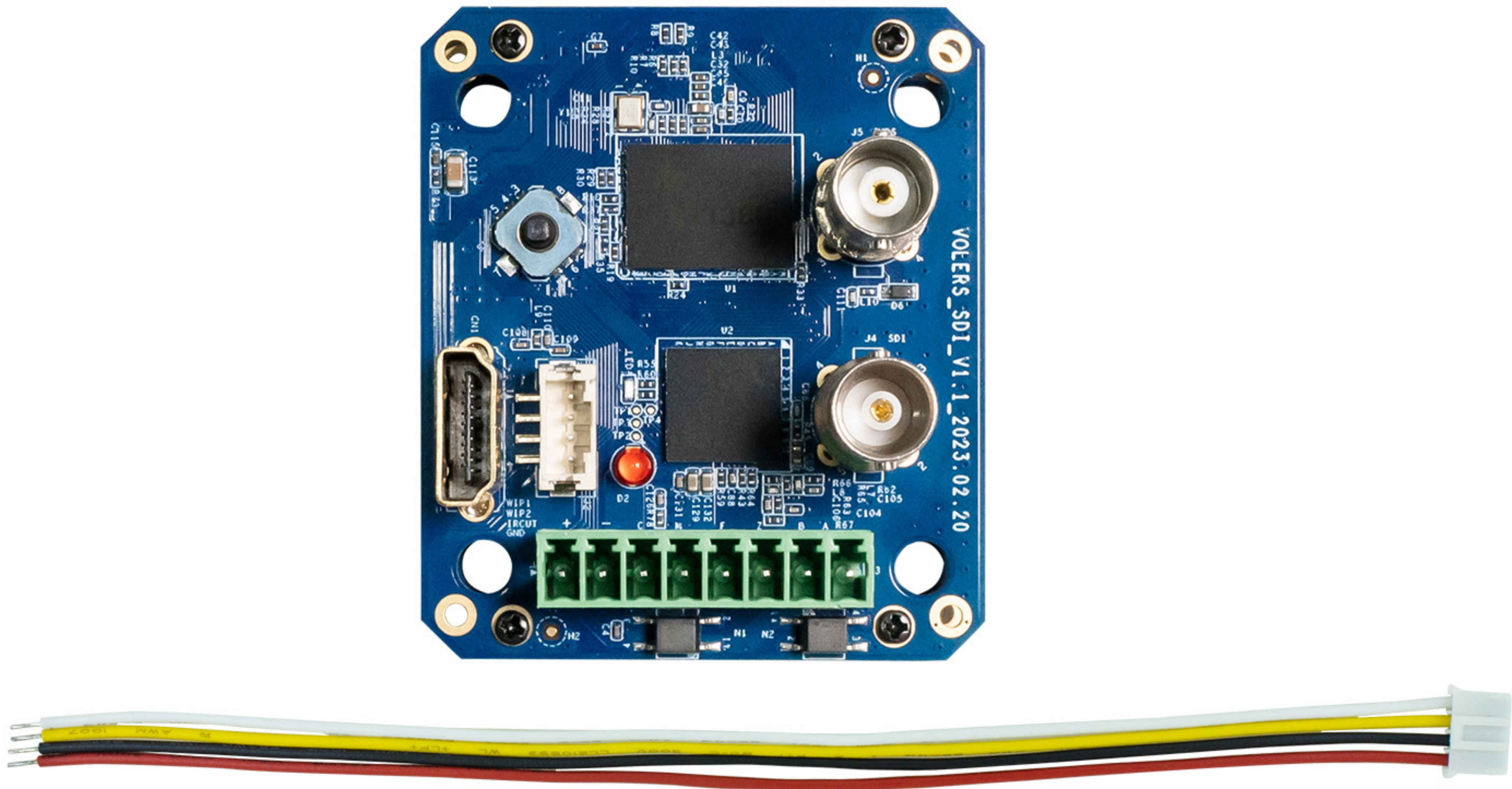
Step 2: Connect the other terminal of the LVDS cable to the All-in-one interface board

Step 1: Connect the camera to one terminal of the LVDS cable

Step 4: Connect the power supply to the board



Item and accessories



Four-pin termina cable for power supply

LVDS cable

- SDI/HDMI/CVBS (all-in-one) Interface Board HD201 one piece
- LVDS cable one piece
- Four-pin terminal cable for power supply one piece

Option

Item	Part No.	Communication	Size/Weight
All-in-1	PCB-HD201	RS485;	65*55*32mm;
	PCB-HD202	RS485;RS232	
	PCB-HD203	RS485;TTL	