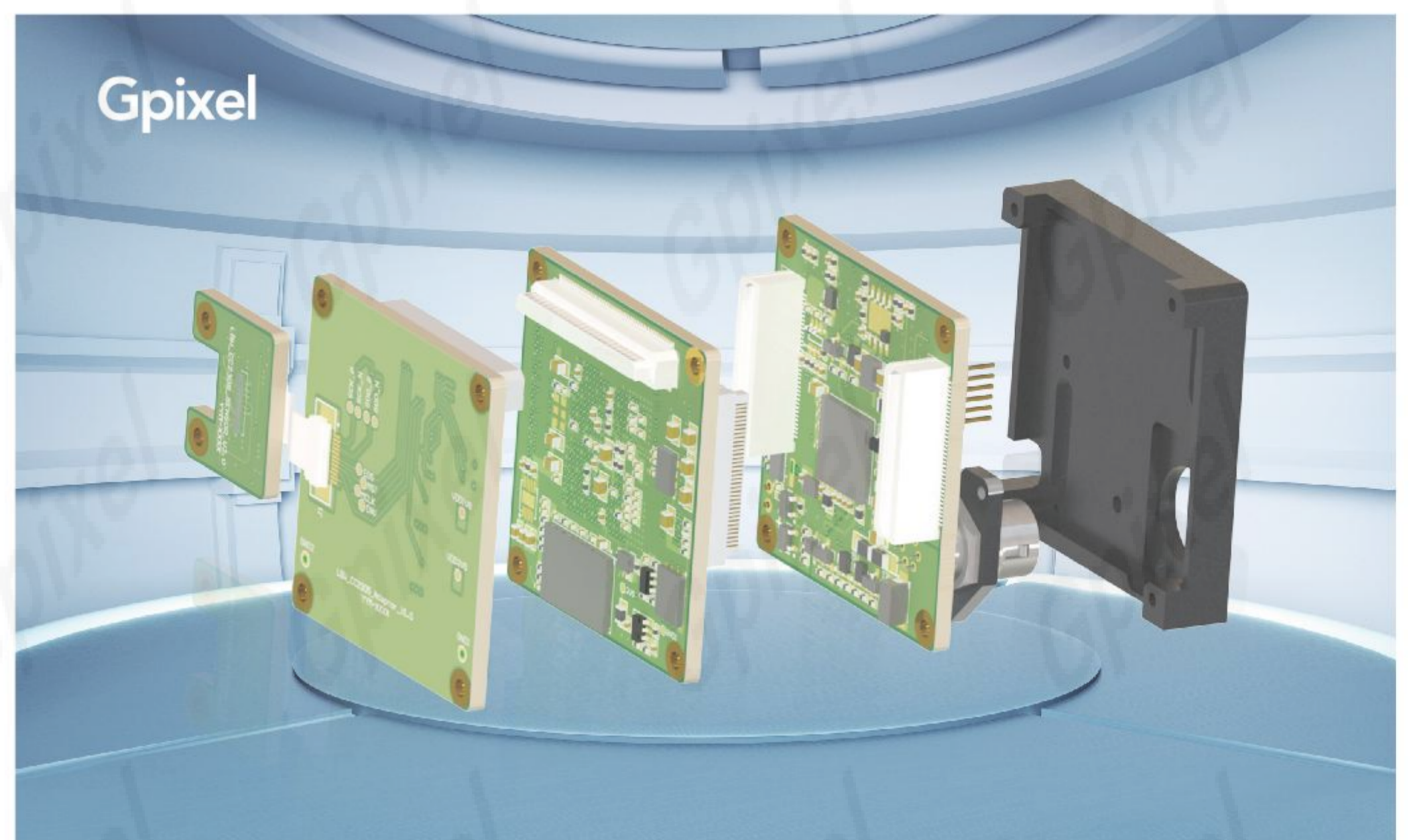
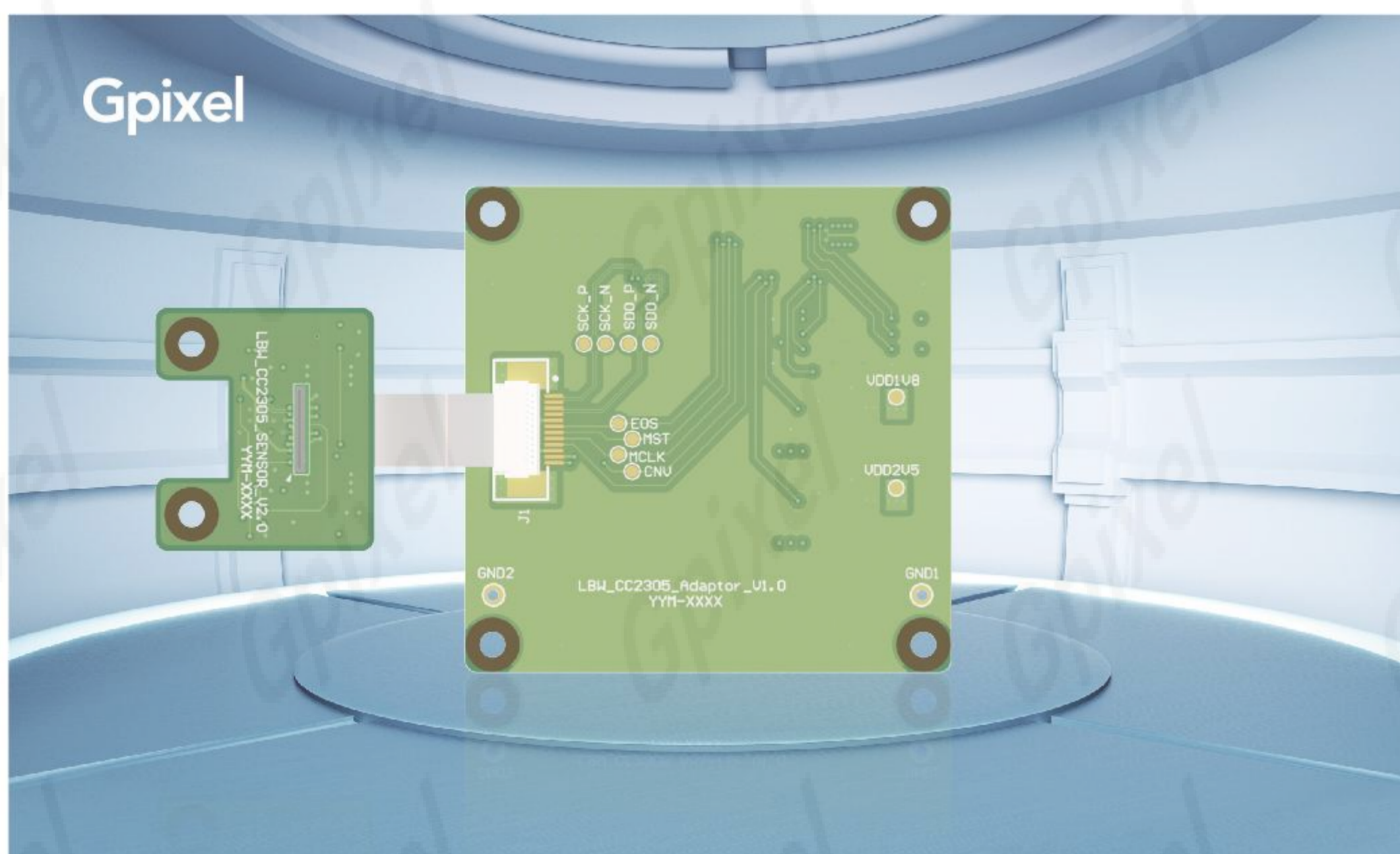


GLR1205BSI-S Evaluation Kit



General Description

Gpixel's USB3-based evaluation platform is ideal for an easy and accurate evaluation of the GLR1205BSI-S image sensor. Its form factor and GenICam compatibility provide flexible setup options in both lab and industrial environments. The high-speed USB3 interface ensures a smooth, real-time imaging experience.



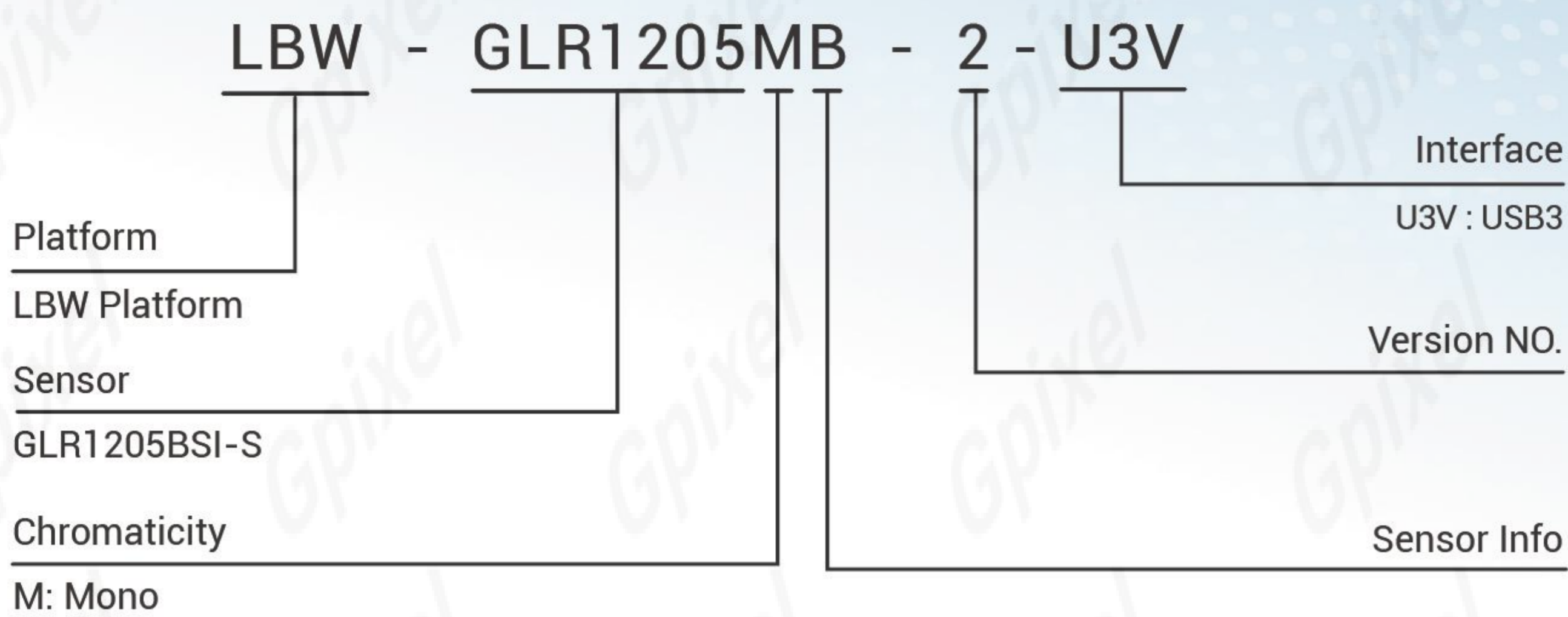
Key Features

- USB3 Interface
- Build-in 15bit ADC
- Highly compacted sensor board
- USB3 bus powered
- GenICam Compatible
- Flexible Form Factor

Specifications

Item	Description
Sensor	GLR1205BSI-S
Output Interface	USB3
Max.Line Rate	9.43kHz
Exposure Time	2.8μs ~ 1s
A/D Converter Resolution	15bit
Saturation output	30000ADU
Output offset	5500ADU
Readout noise	6.8ADU / 685μV
Trigger Mode	External / Free Running
Power Supply	USB3 bus powered(+5V DC)
Power Consumption	Typical 2.6W@+5V DC
Operating Temperature	0-50°C

Ordering Information



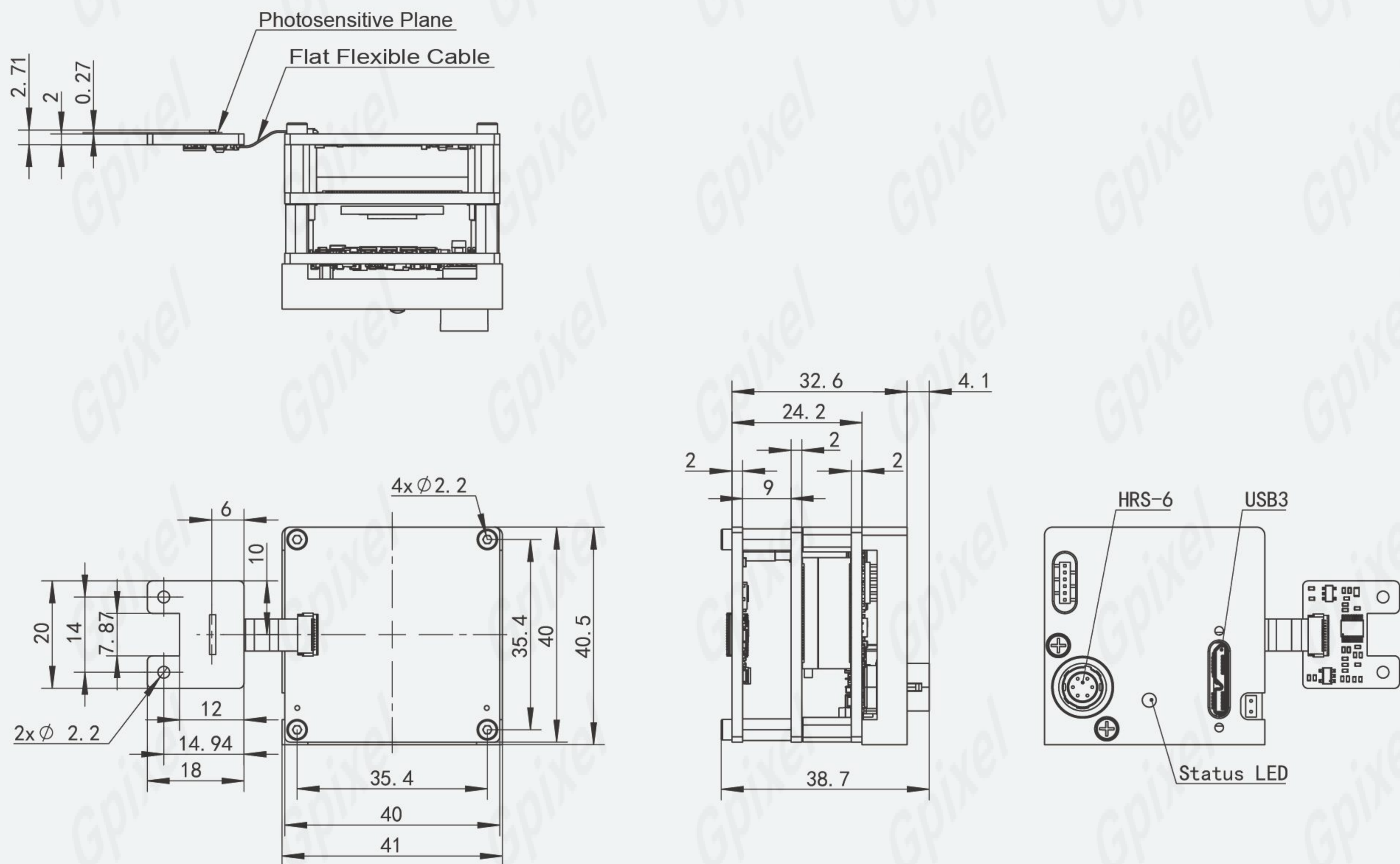
Note: Sensor is soldered on the PCB

Evaluation Kit Includes

- Evaluation module
- USB cable type-A to micro-B
- Trigger cable

Note: The sensor is included in evaluation module.

Mechanical Drawing



Contact Gpixel HQ

Add: Building #5, Optoelectronic Information Industrial Park, #7691 Ziyou Road, Changchun, Jilin, China.

Tel: +86-0431-85077785

Email: info@gpixel.com

Website: www.gpixel.com

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