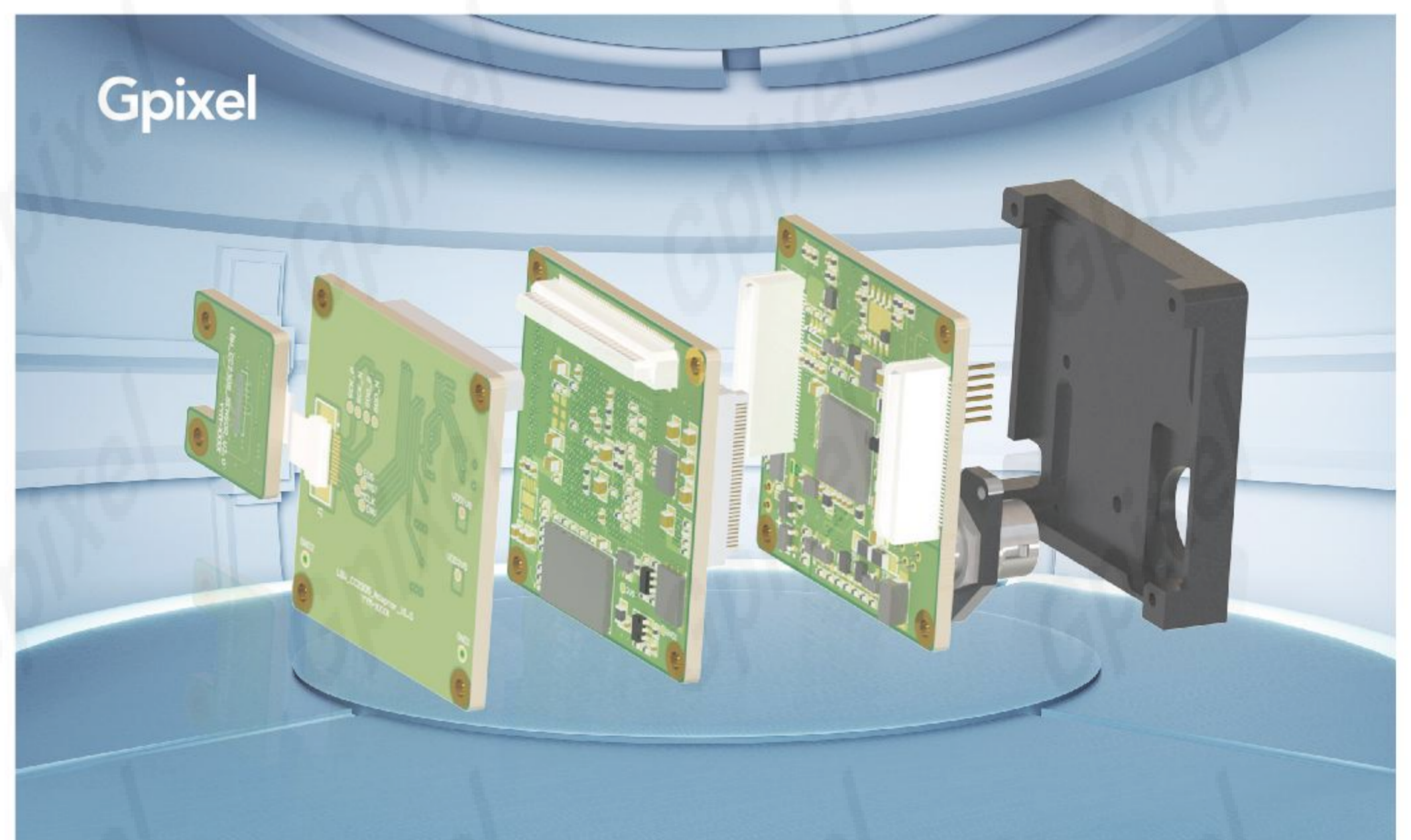
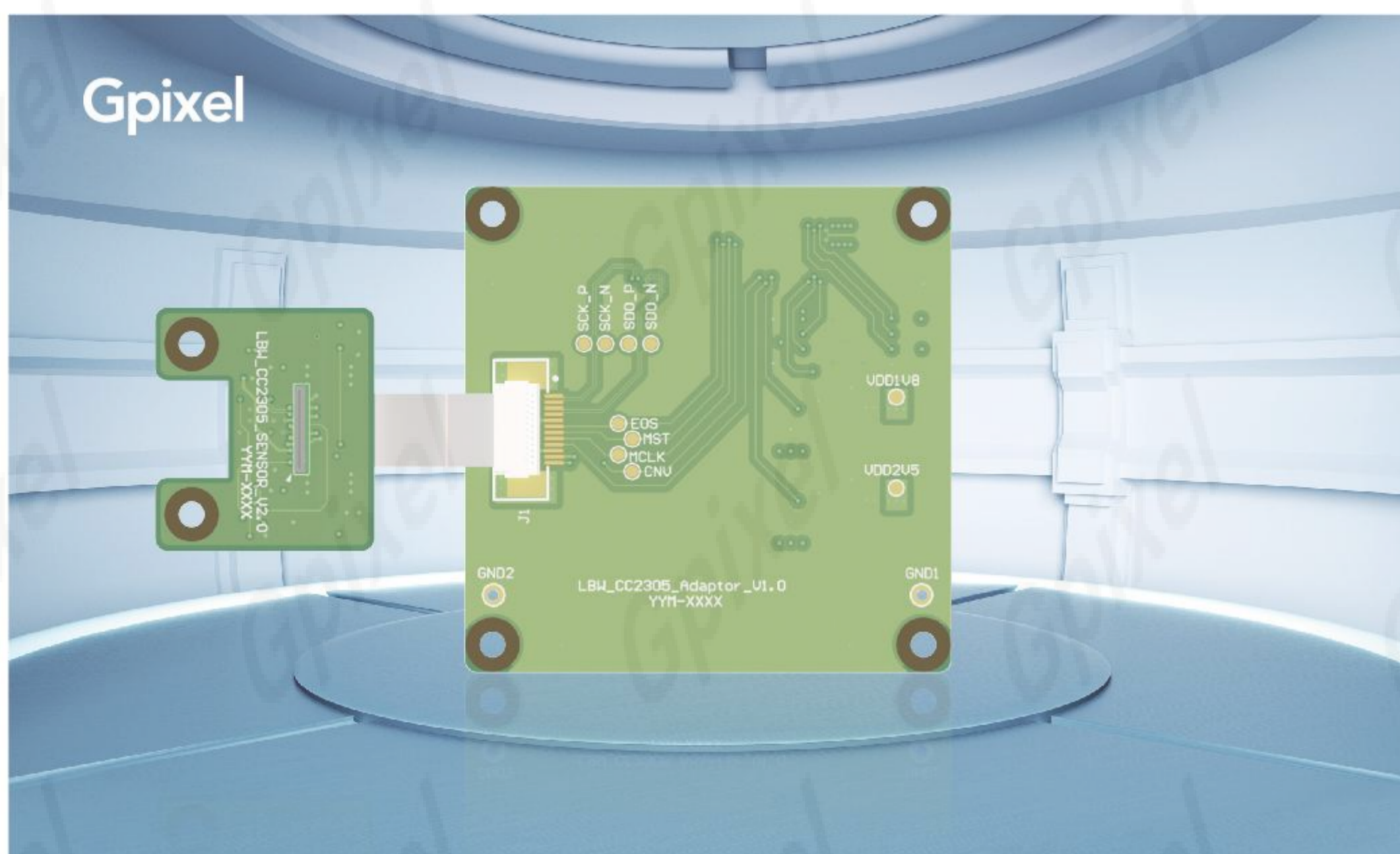


# GLR1205BSI-S Evaluation Kit



## 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

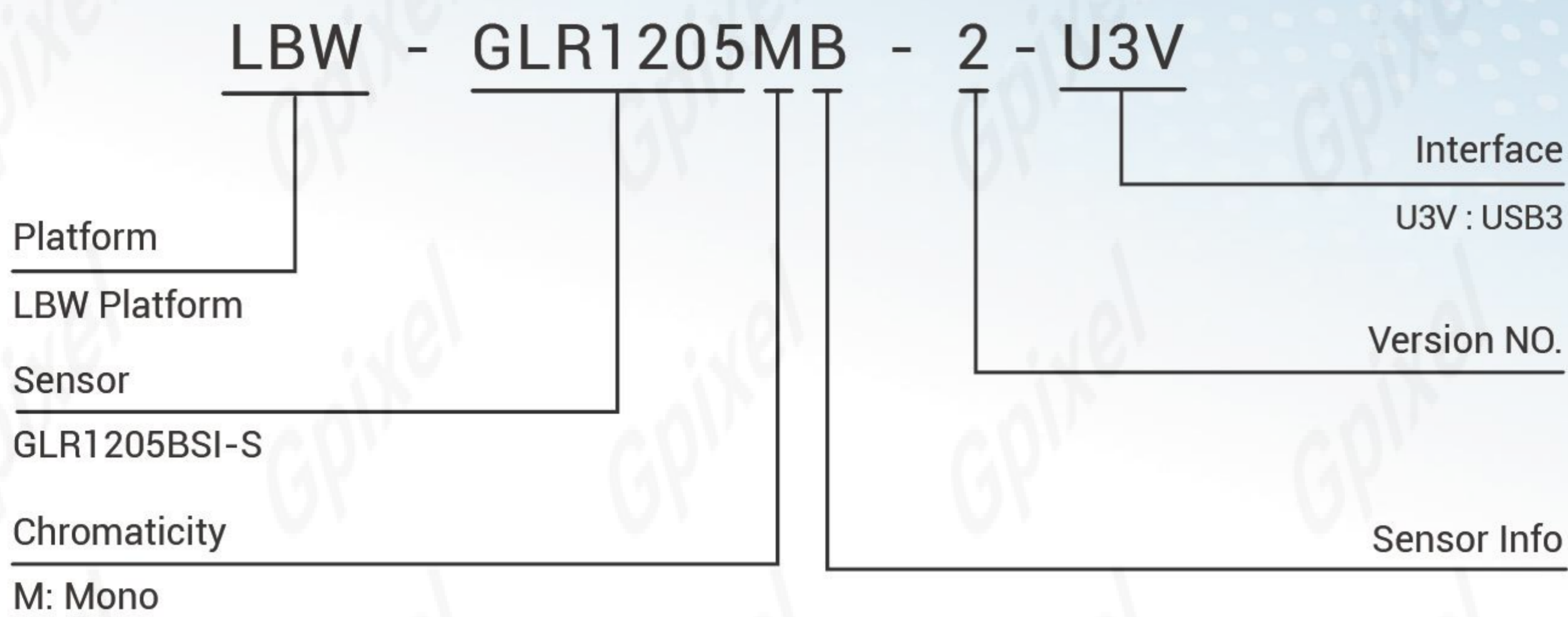
- USB3 Interface
- Build-in 15bit ADC
- Highly compacted sensor board
- USB3 bus powered
- GenICam Compatible
- Flexible Form Factor

### 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



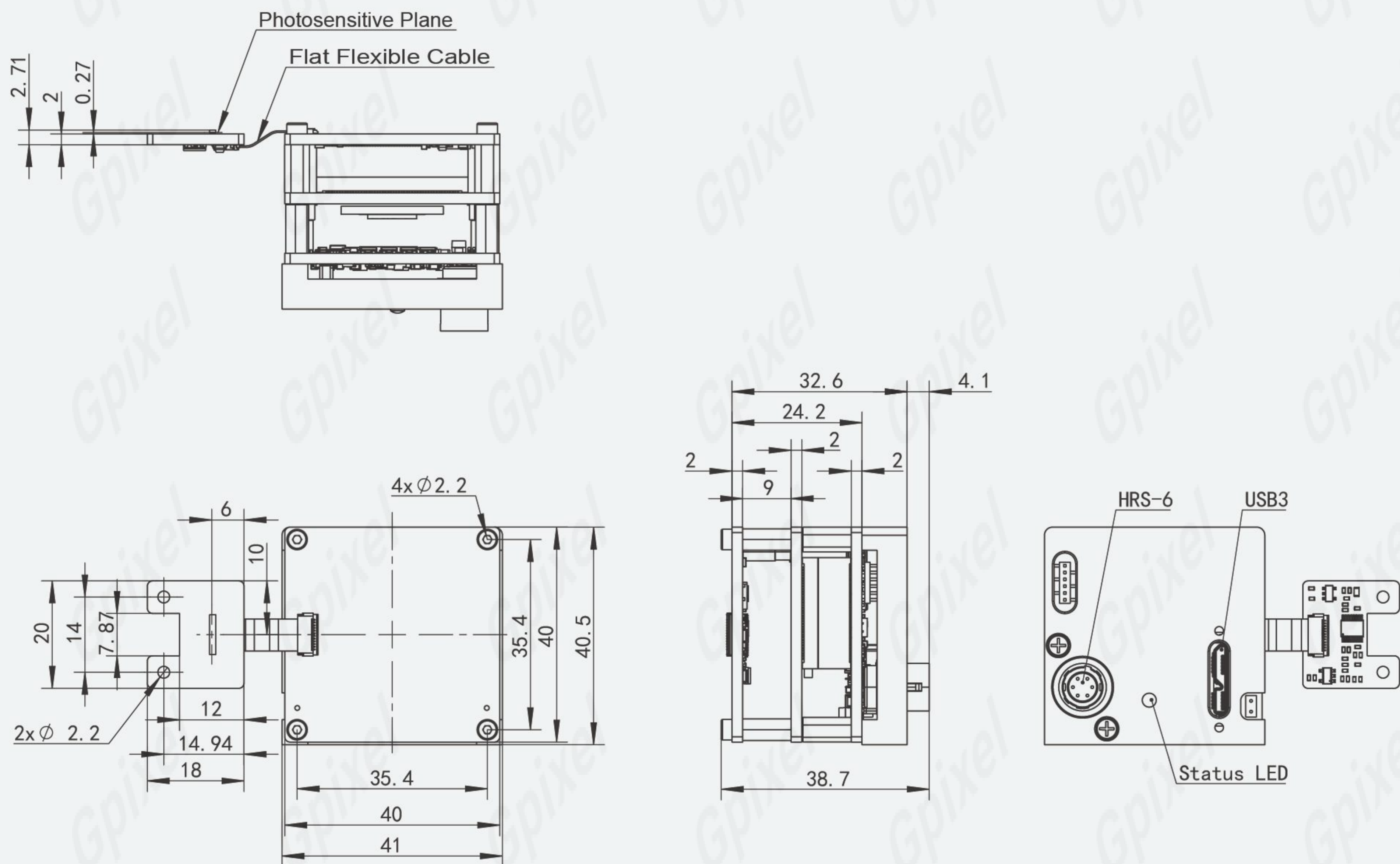
Note: Sensor is soldered on the PCB

## 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

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