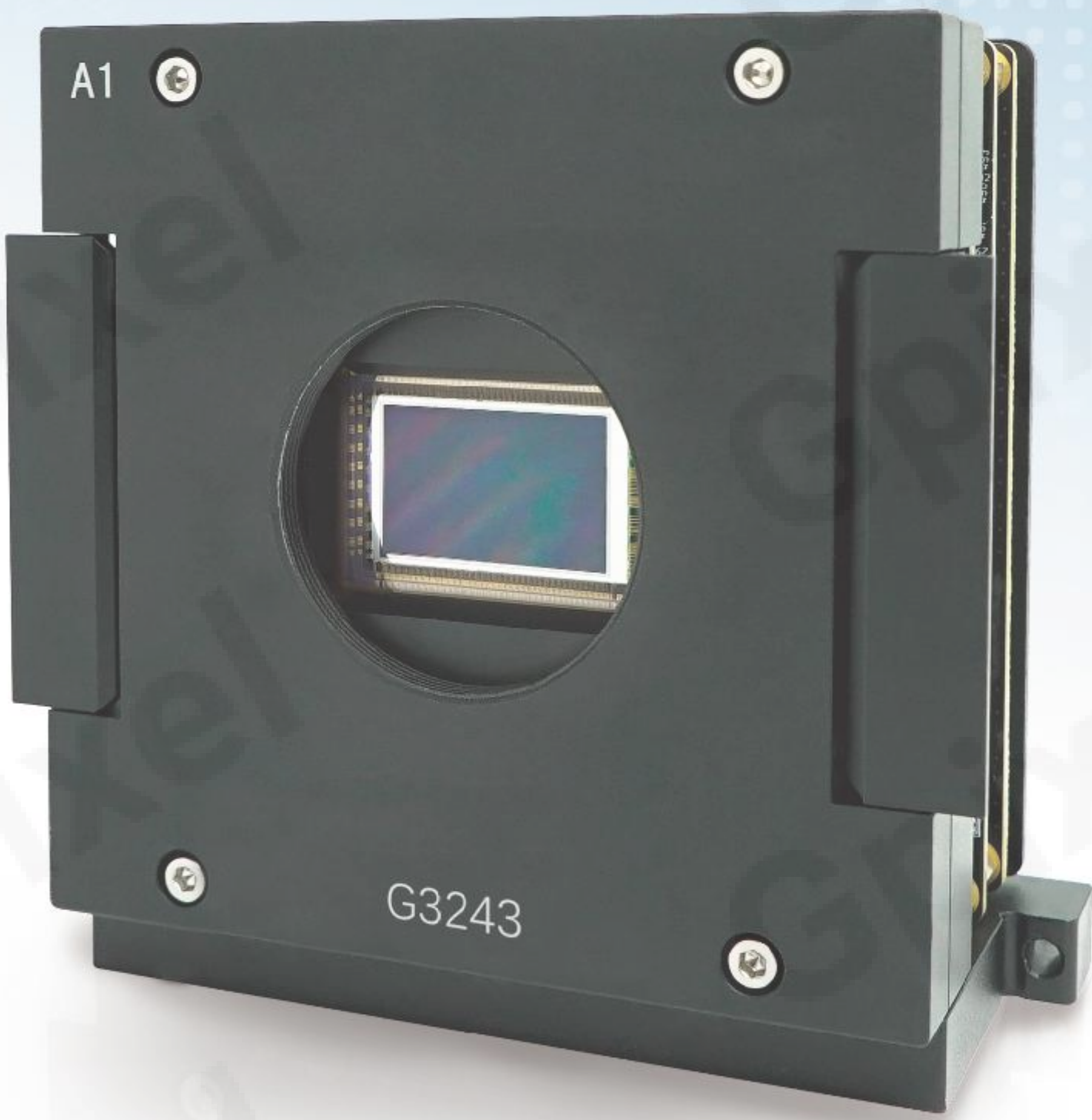


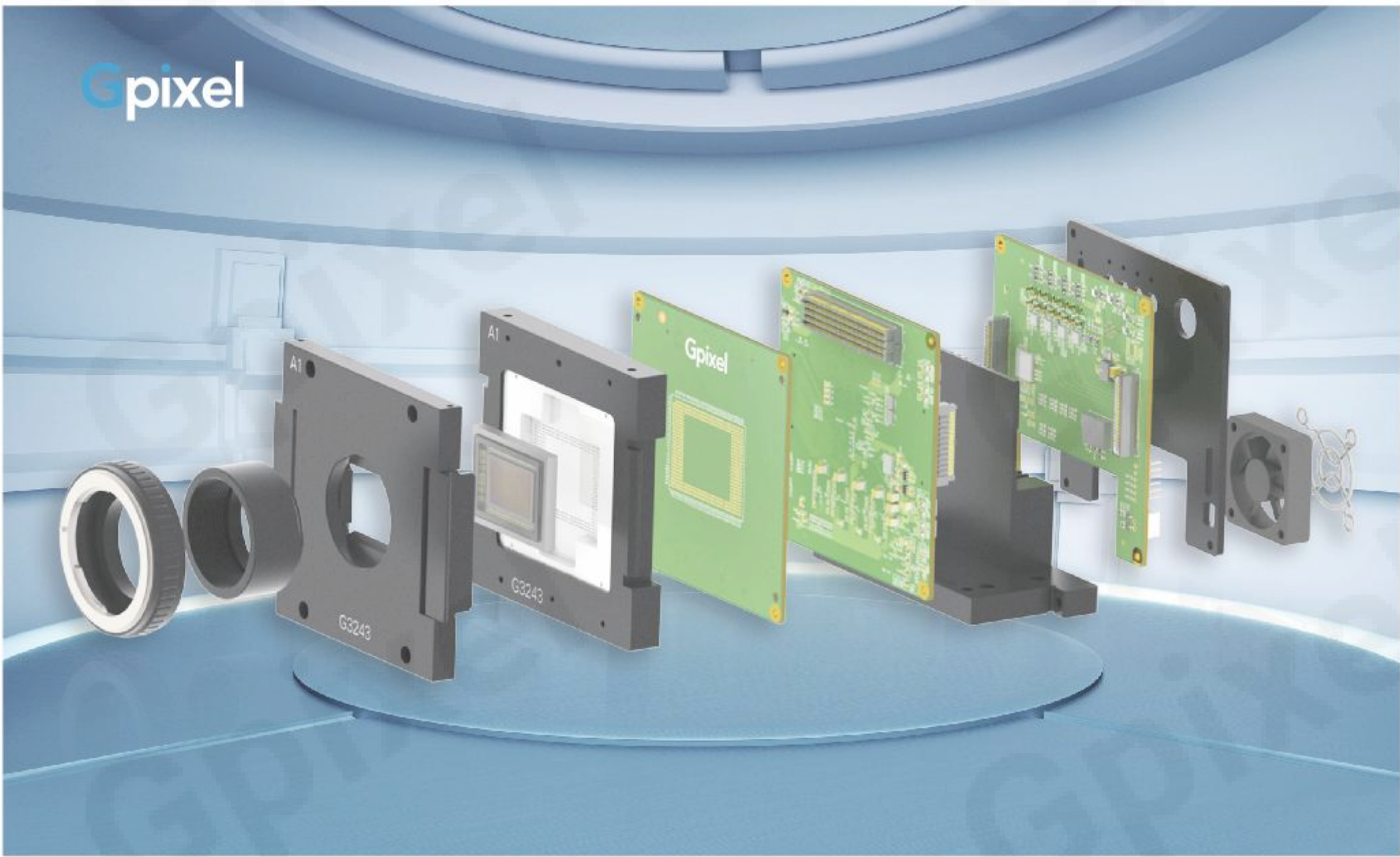
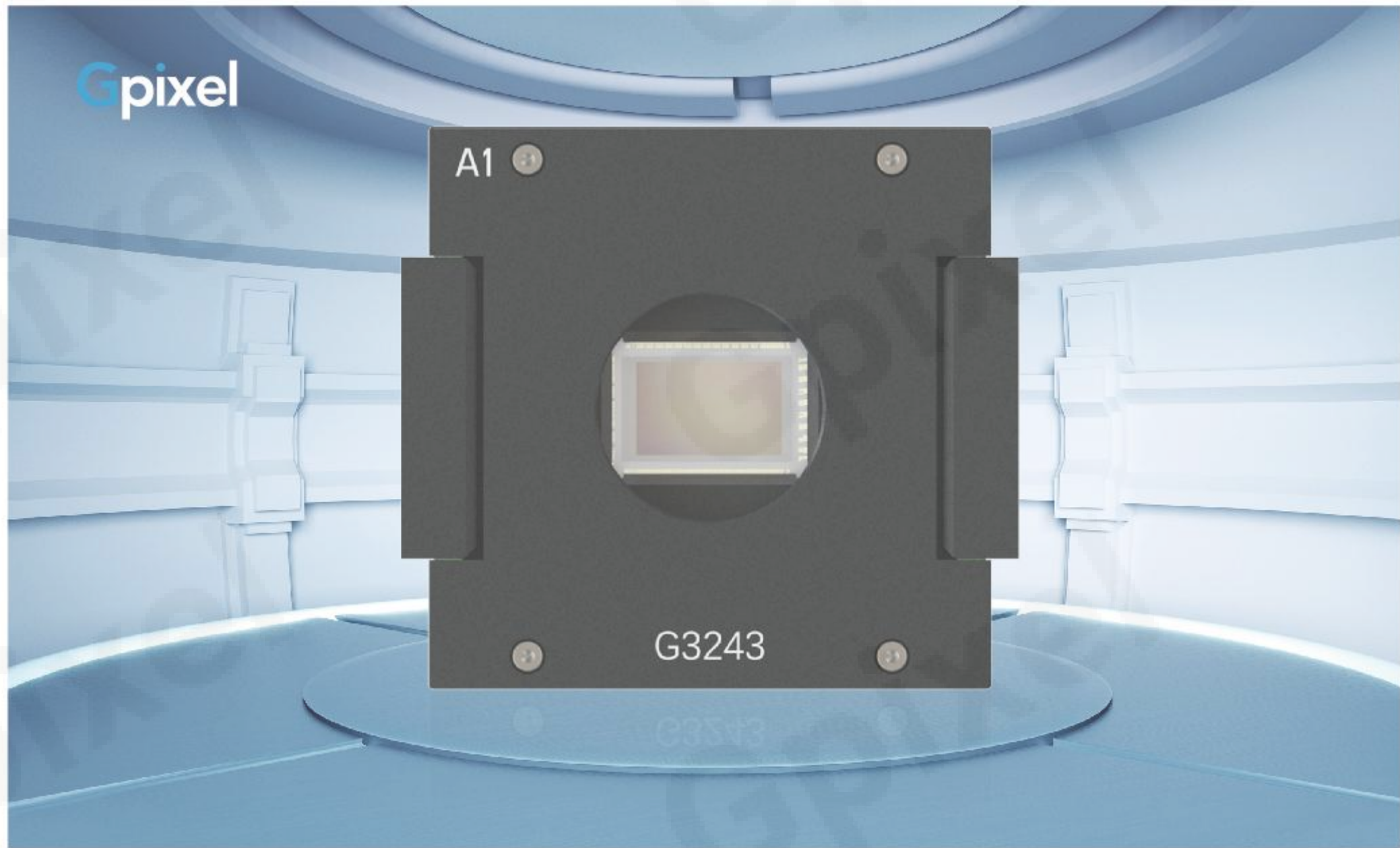


# GSENSE3243BSI

## Evaluation Kit

### General Description

Gpixel's USB3-based evaluation platform is ideal for an easy and accurate evaluation of the GSENSE3243BSI image sensor. Its form factor and GenICam compatibility provide flexible setup options in both lab and industrial environments. The high-speed USB interface ensures a smooth, real-time imaging experience.



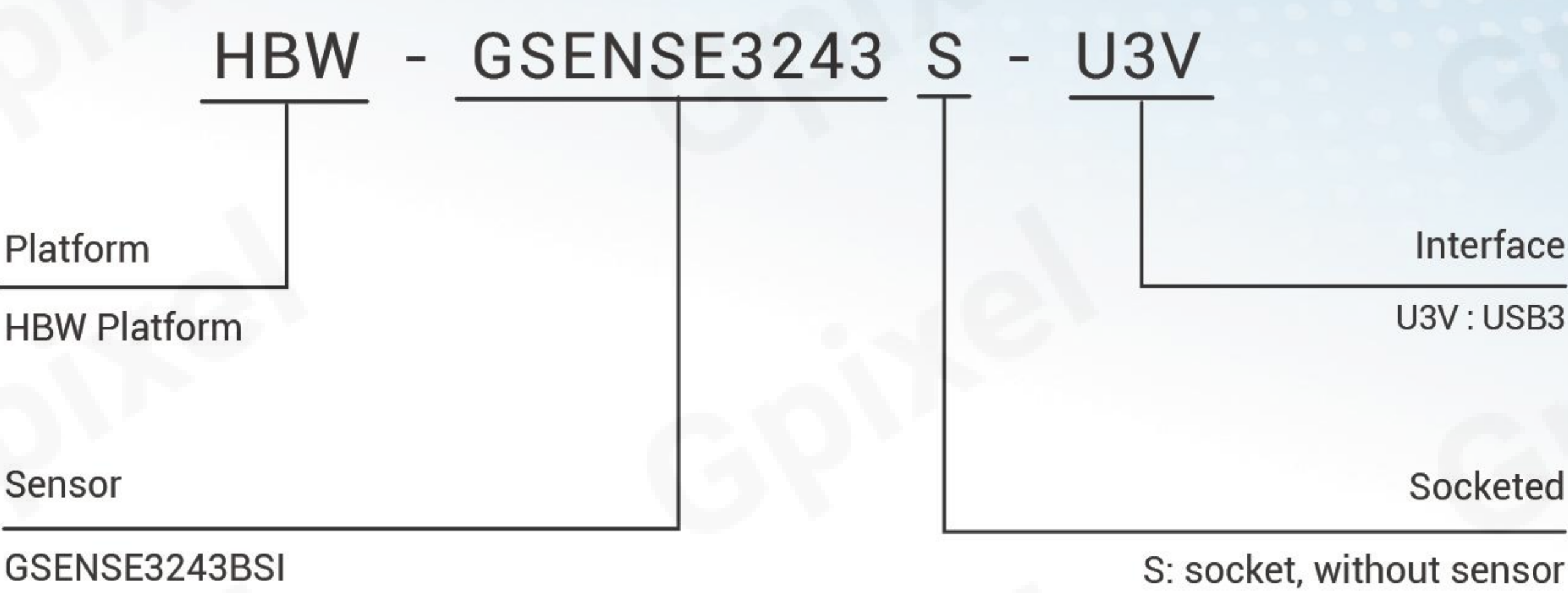
### Key Features

- USB3 Interface
- Raw Image Output
- STD, Dual Gain HDR or Multiple Slope HDR
- GenICam Compatible
- User-friendly Form Factor
- M42-mount or F-mount
- On-chip Exposure Summing

### Specifications

| Item                  | Description                                            |
|-----------------------|--------------------------------------------------------|
| Sensor                | GSENSE3243BSI                                          |
| Output Interface      | USB3                                                   |
| Resolution (H x V)    | Readable: 8224 x 5264<br>Effective: center 8192 x 5232 |
| Frame Rates           | Up to 50fps @ full resolution                          |
| Pixel Bit Depth       | 14-bit                                                 |
| Multi-Exposure        | 1 / 4                                                  |
| HDR                   | Dual Gain and Multiple Slope HDR                       |
| Trigger Mode          | Free Running                                           |
| Lens Mount            | M42-mount or F-mount                                   |
| Power Supply          | 10V~25V                                                |
| Power Consumption     | Typical 12.5W@12V DC                                   |
| Operating Temperature | 0-50°C                                                 |

## Ordering Information

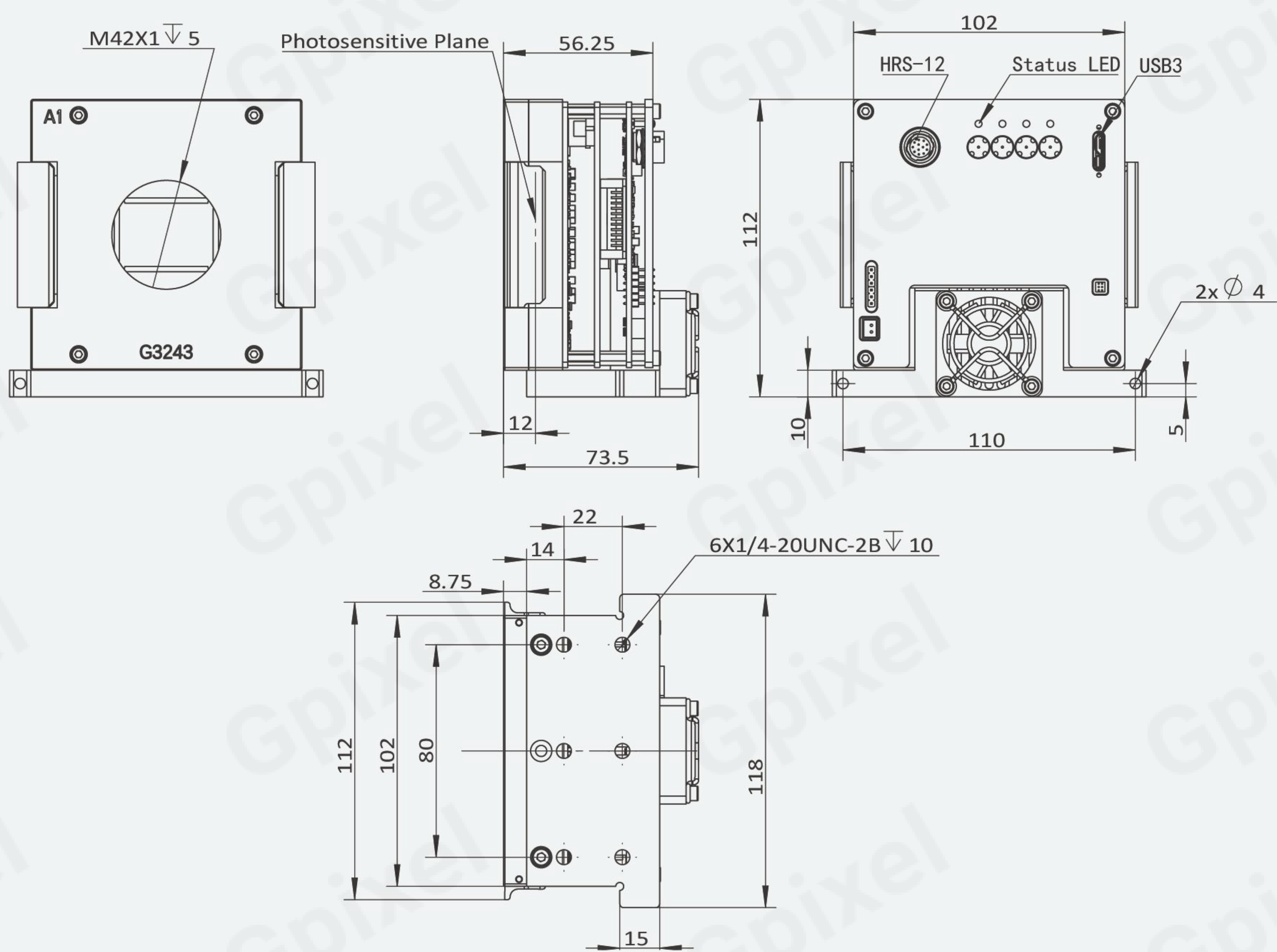


## Evaluation Kit Includes

- Evaluation module
- Power adapter
- Power cable with DC plug
- DC plug adapter 2.1mm to 2.5mm
- Extension ring M42 to M42-19.5mm
- F-mount adapter, 15mm
- USB cable type-A to micro-B

Note: The sensor is not included in evaluation module.

## Mechanical Drawing



## Contact Gpixel HQ

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