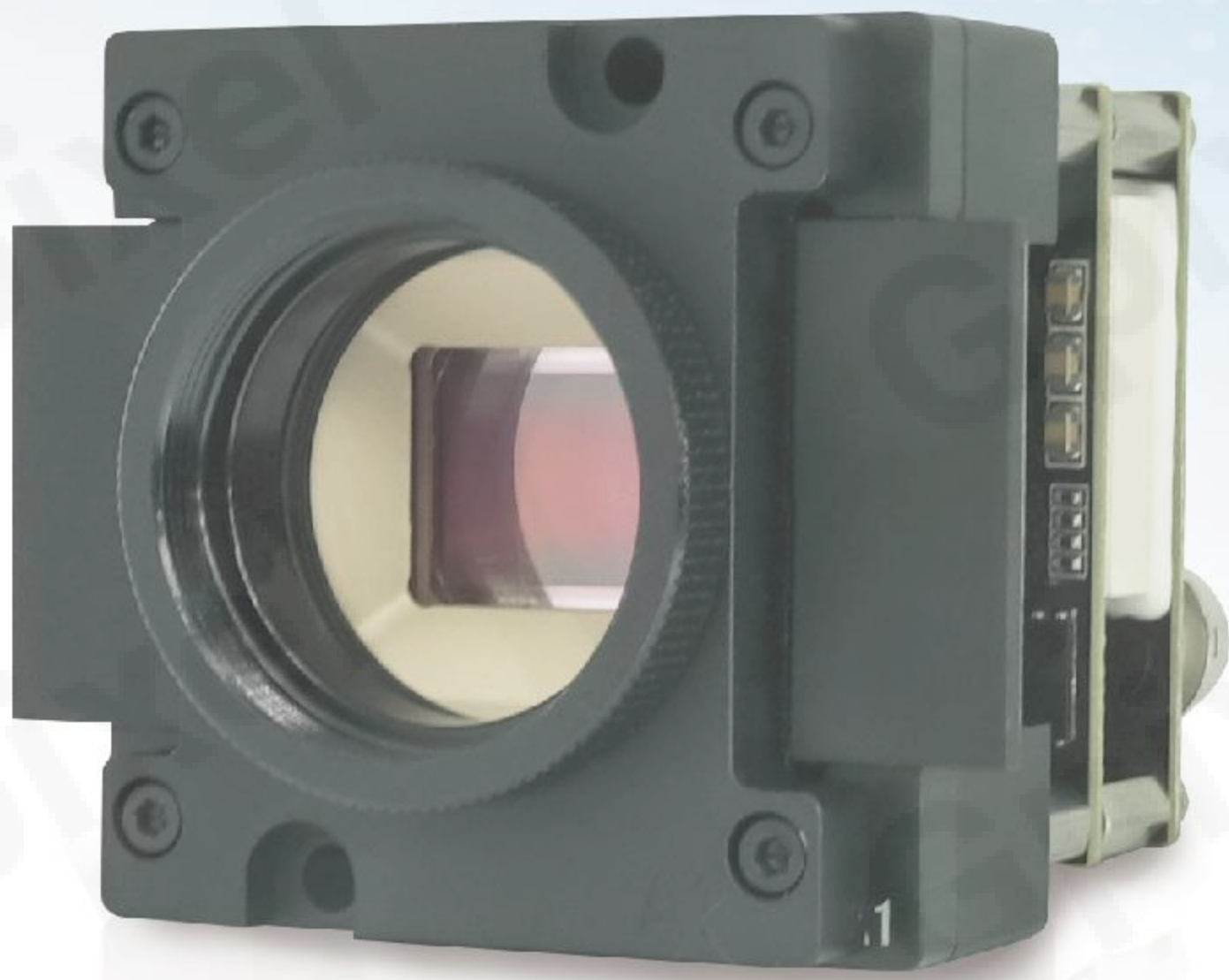


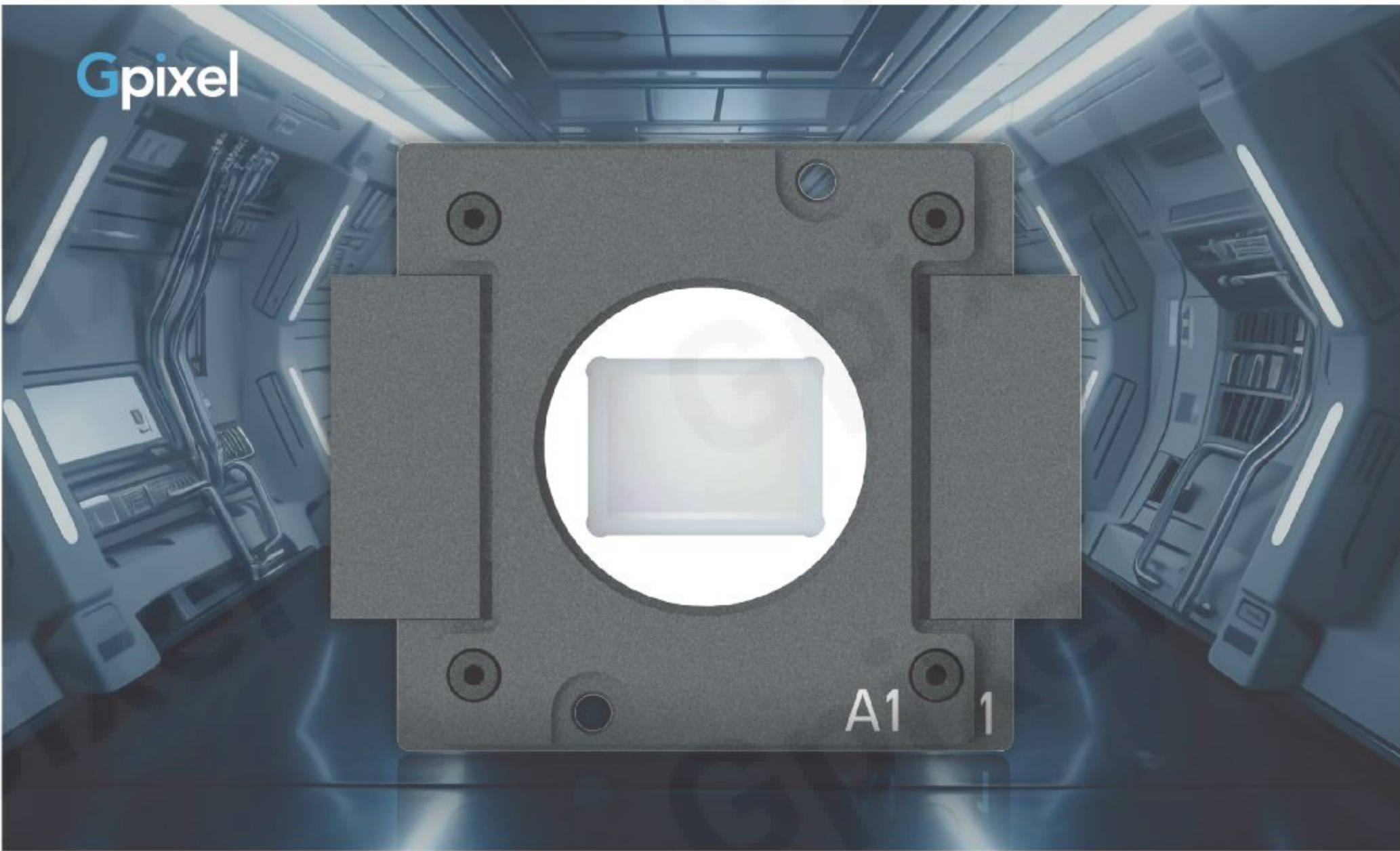


# GMAX3412

## Evaluation Kit

### General Description

Gpixel's USB-based evaluation platform is ideal for an easy and accurate evaluation of the GMAX3412 CMOS sensor. Its form factor, the GenICam compatibility and external triggering options provide flexible setup options in both lab and industrial environments. The high-speed USB3.0 interface ensures a smooth, real-time imaging experience.



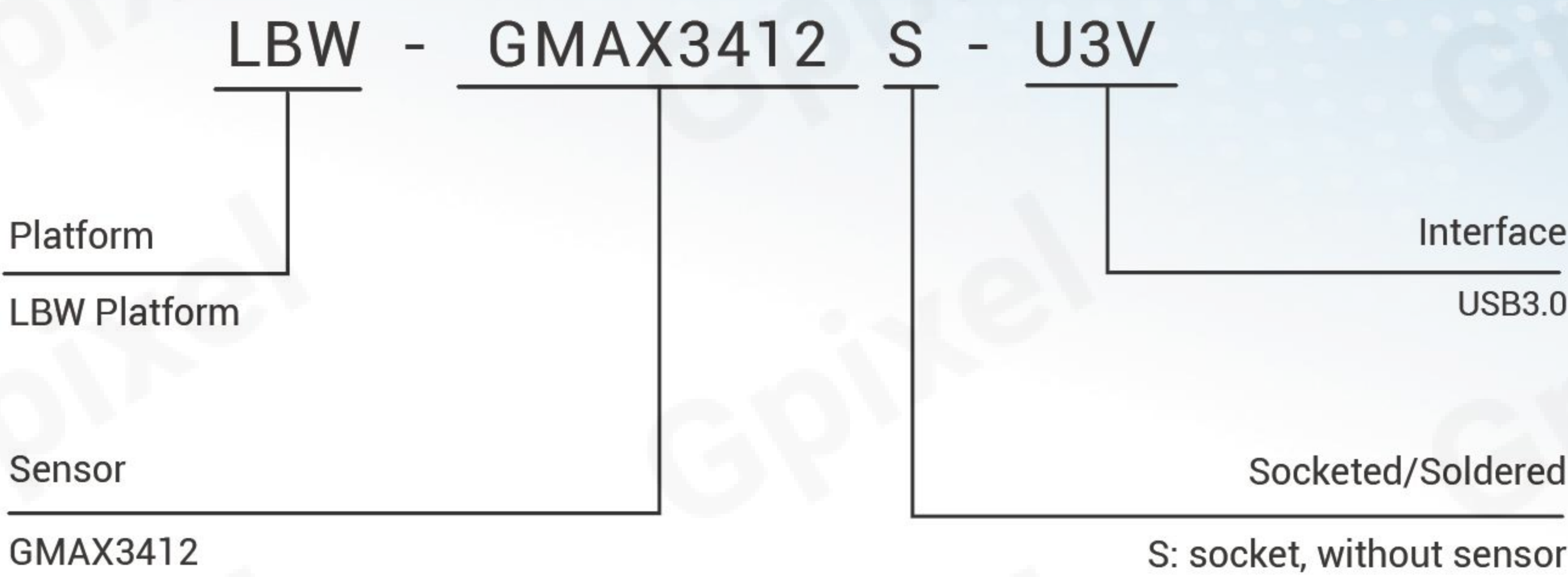
### Key Features

- USB3.0 Interface
- Raw Image Output
- 10/12-bit Modes
- Multiple Slope / Region HDR
- GenICam Compatible
- User-friendly Form Factor
- C/CS-mount

### Specifications

| Item                  | Description                               |
|-----------------------|-------------------------------------------|
| Sensor                | GMAX3412                                  |
| Output Interface      | USB3.0                                    |
| Resolution (H x V)    | 4096 x 3072                               |
| Frame Rates           | 63fps @LVDS 12bit /<br>128fps @LVDS 10bit |
| Exposure Time         | 7μs ~ 49.9s                               |
| Pixel Bit Depth       | 10/12-bit                                 |
| Trigger Mode          | External / Free Running                   |
| ROIs                  | Vertical / Horizontal                     |
| Lens Mount            | C/CS-mount                                |
| Power Supply          | 9V~15V                                    |
| Power Consumption     | Typical 5.0W@12V DC                       |
| Operating Temperature | 0-50°C                                    |

## Ordering Information

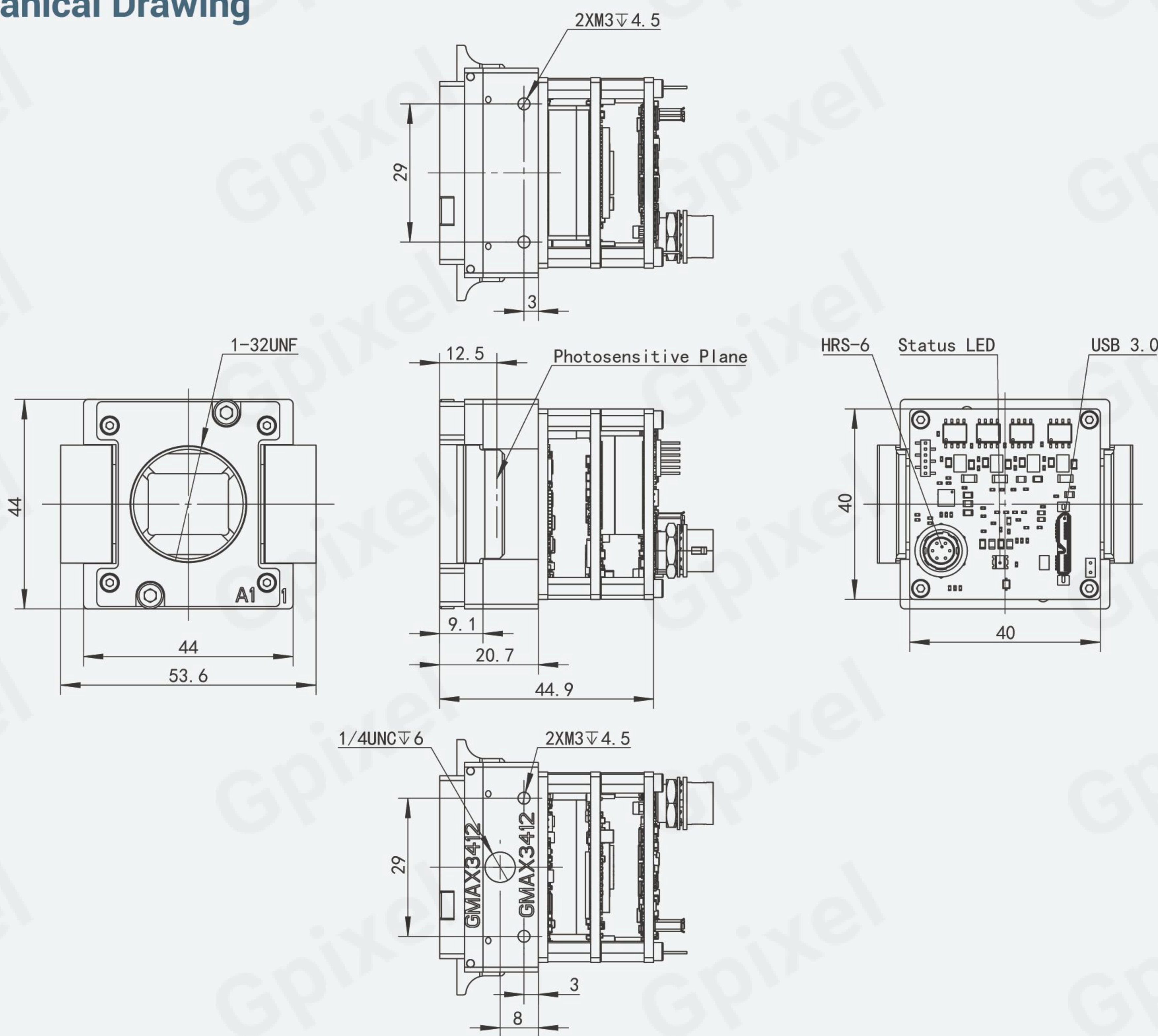


## Evaluation Kit Includes

- Evaluation module
- USB cable Type-A to Micro-B
- Extension ring 5mm, C/CS mounting
- Trigger&Power cable HRS-6 cable

Note: The sensor is not included in evaluation module.

## Mechanical Drawing



## Contact Gpixel HQ

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Revision 20231019

