

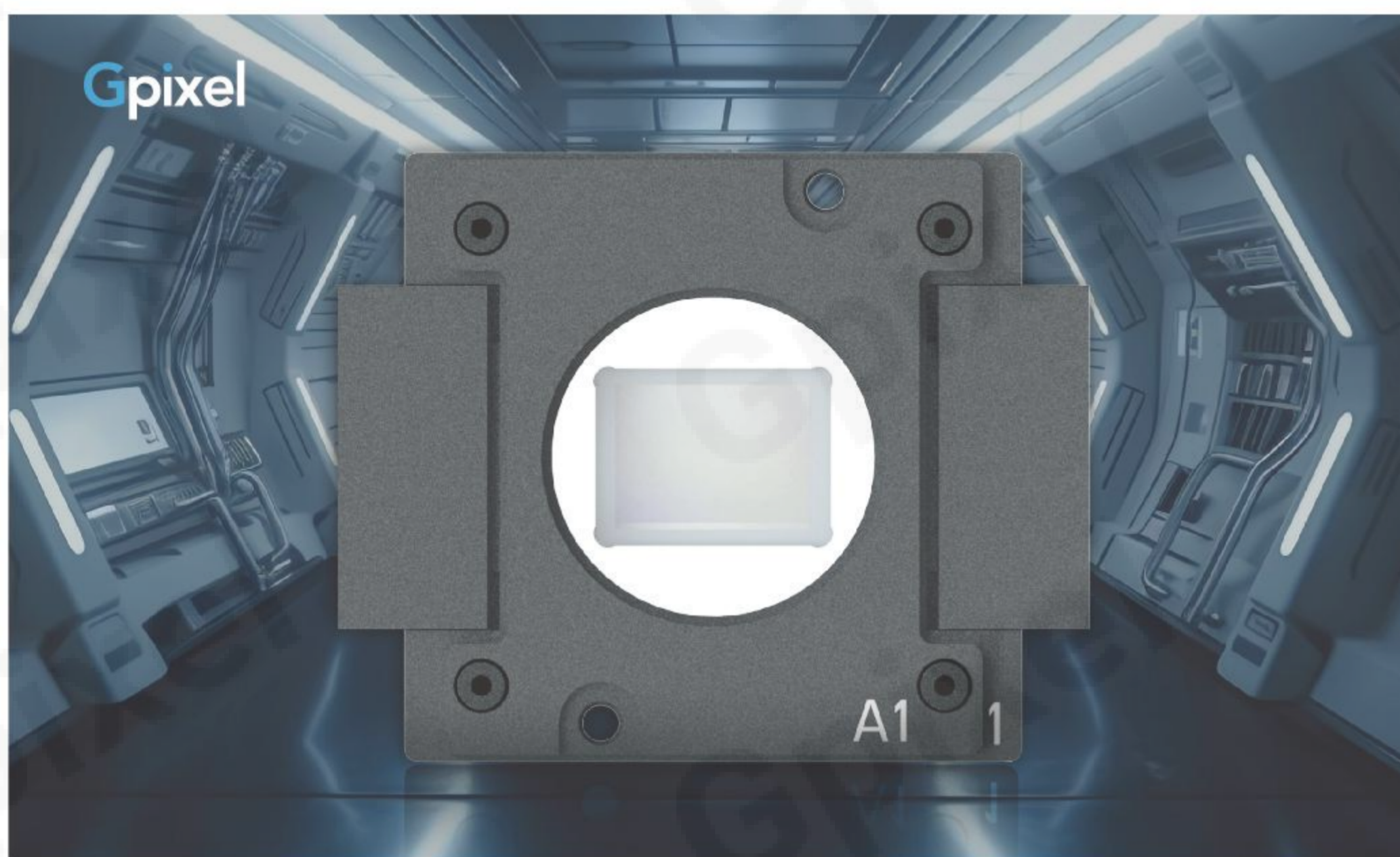


GMAX3412

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 interface ensures a smooth, real-time imaging experience.



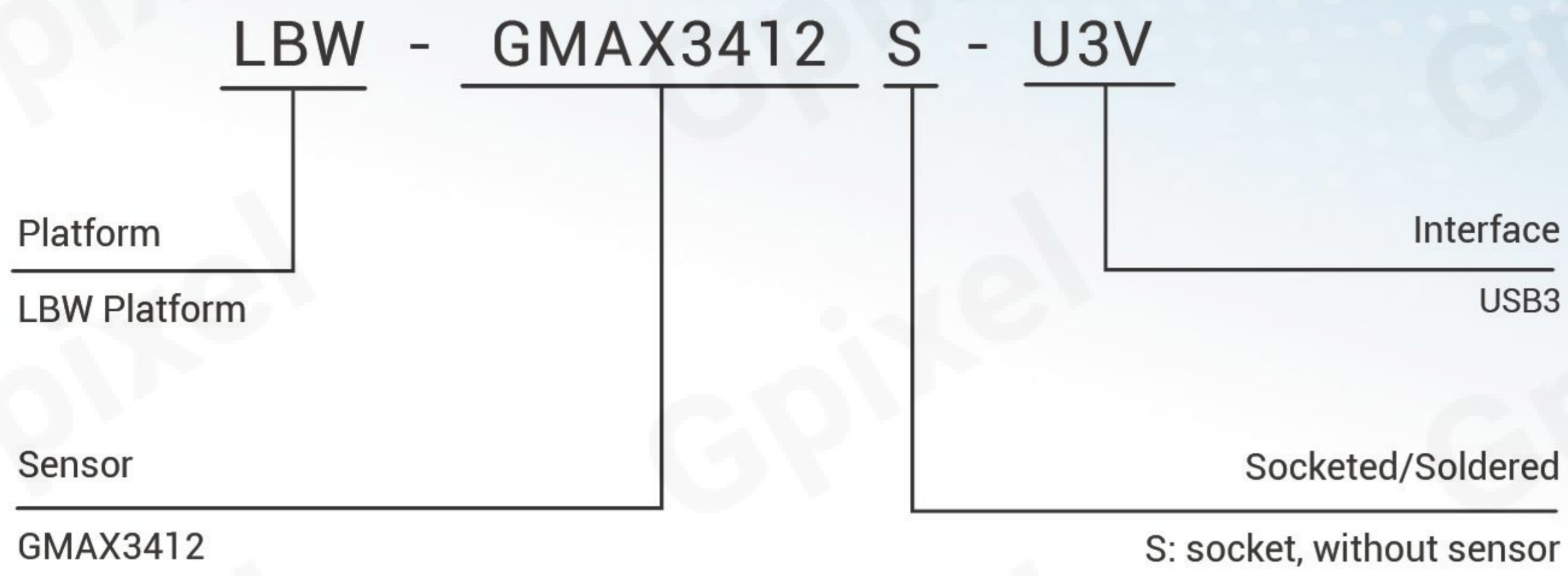
Key Features

- USB3 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
Resolution (H x V)	4096 x 3072
Frame Rates	30fps @MIPI 12bit / 60fps @LVDS 12bit / 128fps @LVDS 10bit
Exposure Time	7 μ s ~ 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 4.7W@12V DC
Operating Temperature	0-50°C

Ordering Information

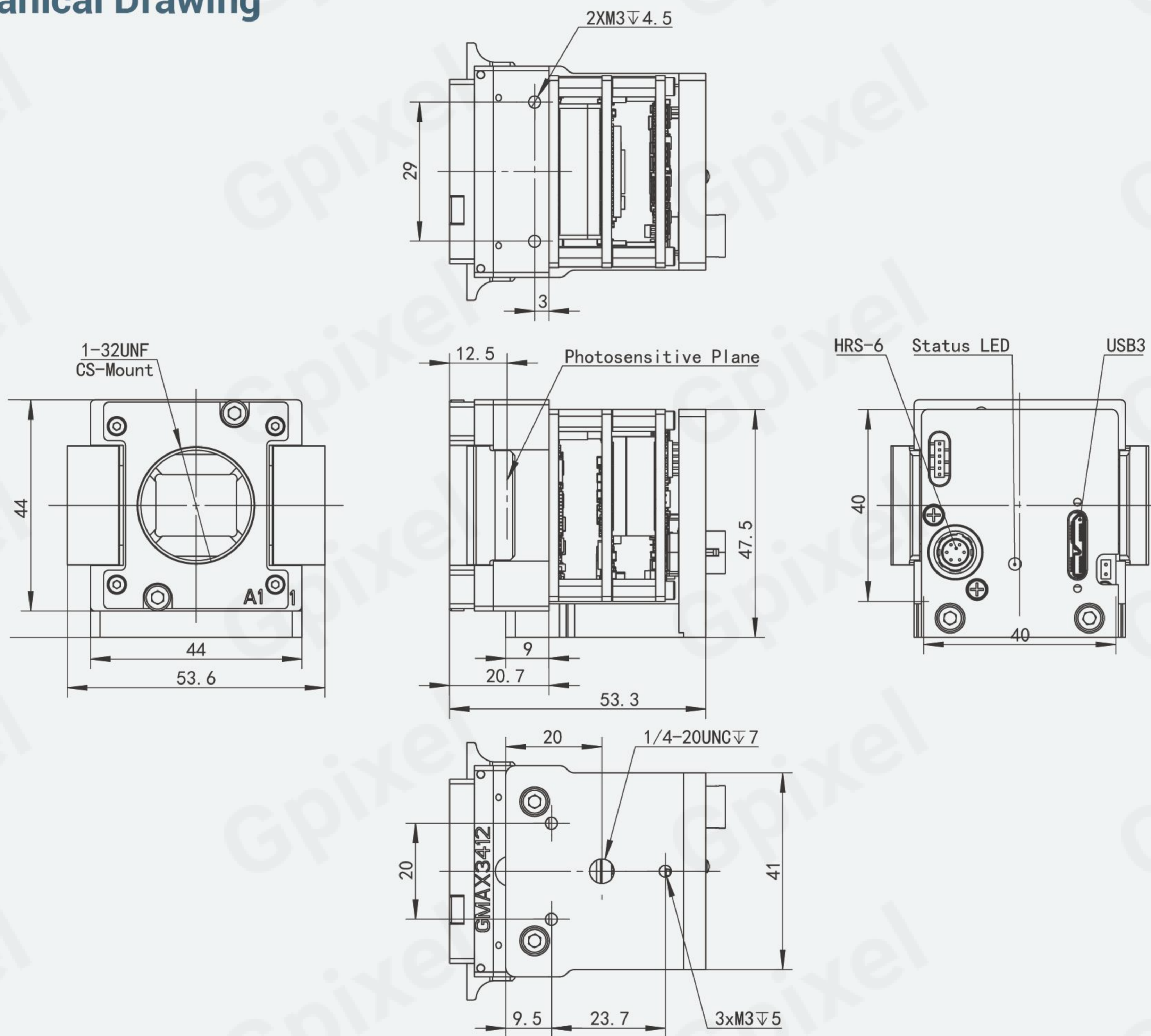


Evaluation Kit Includes

- Evaluation module
- Power adapter
- USB cable Type-A to Micro-B
- Extension ring 5mm, C/CS mounting
- Power adapter
- Trigger&Power cable HRS-6 cable
- DC Plug adapter 2.1mm to 2.5mm

Note: The sensor is not included in evaluation module.

Mechanical Drawing



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