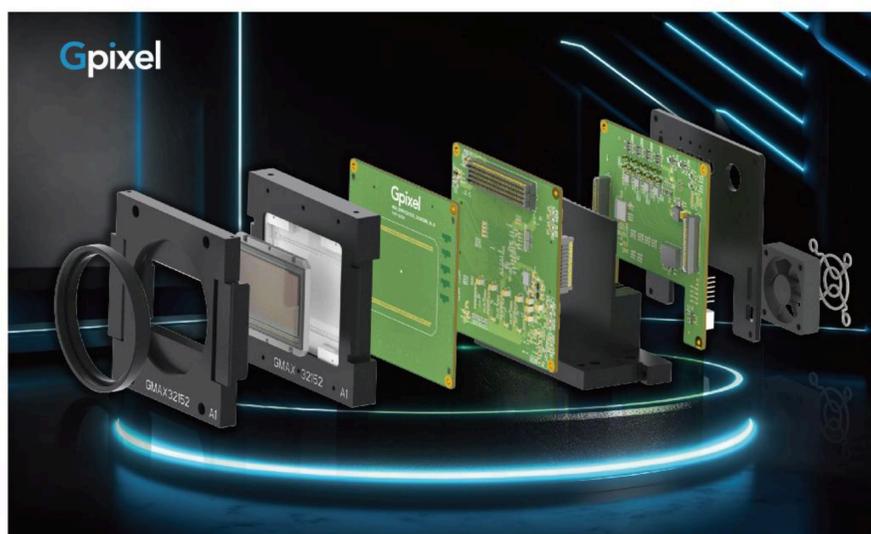


GMAX32152

Evaluation Kit

General Description

Gpixel's evaluation platform supports CoaXPress 2.0 or USB3 Interface, is ideal for an easy and accurate evaluation of the GMAX32152 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 CoaXPress /USB3 interface ensures a smooth, real-time imaging experience.



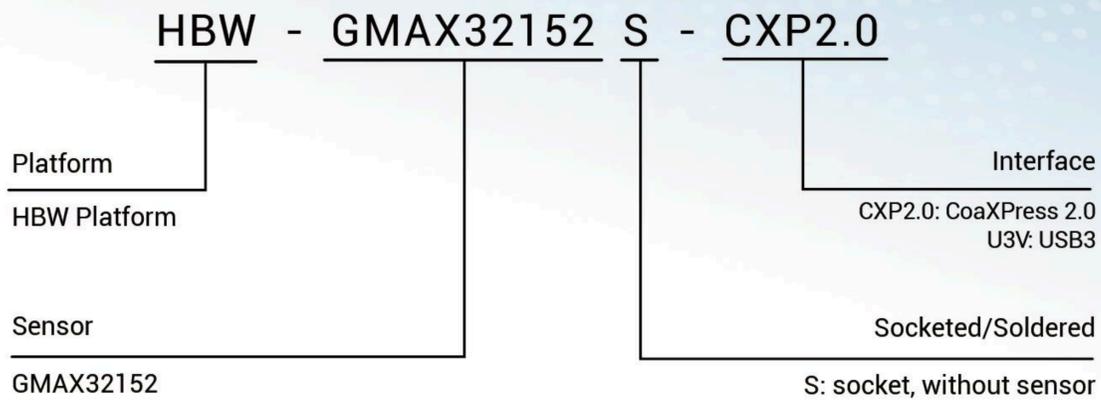
Key Features

- CoaXPress 2.0 Interface /USB3 Interface
- Raw Image Output
- Normal, Binned or Windowed Readout
- GenICam Compatible
- User-friendly Form Factor
- M72-mount

Specifications

| Item | Description |
|-----------------------|---|
| Sensor | GMAX32152 |
| Output Interface | CoaXPress 2.0/USB3 |
| Resolution (H x V) | 16556 x 9200 |
| Frame Rates | 16fps@CoaXPress 2.0 Interface 1.2fps@USB3 Interface |
| Exposure Time | 19μs ~ 49.9s |
| Pixel Bit Depth | 12-bit |
| Trigger Mode | External / Free Running |
| Lens Mount | M72-mount |
| Power Supply | 10V~25V |
| Power Consumption | Typical 19.9W@12V DC @CoaXPress 2.0 Typical 12.1W@12V DC @USB3 |
| Operating Temperature | 0-50°C |

Ordering Information

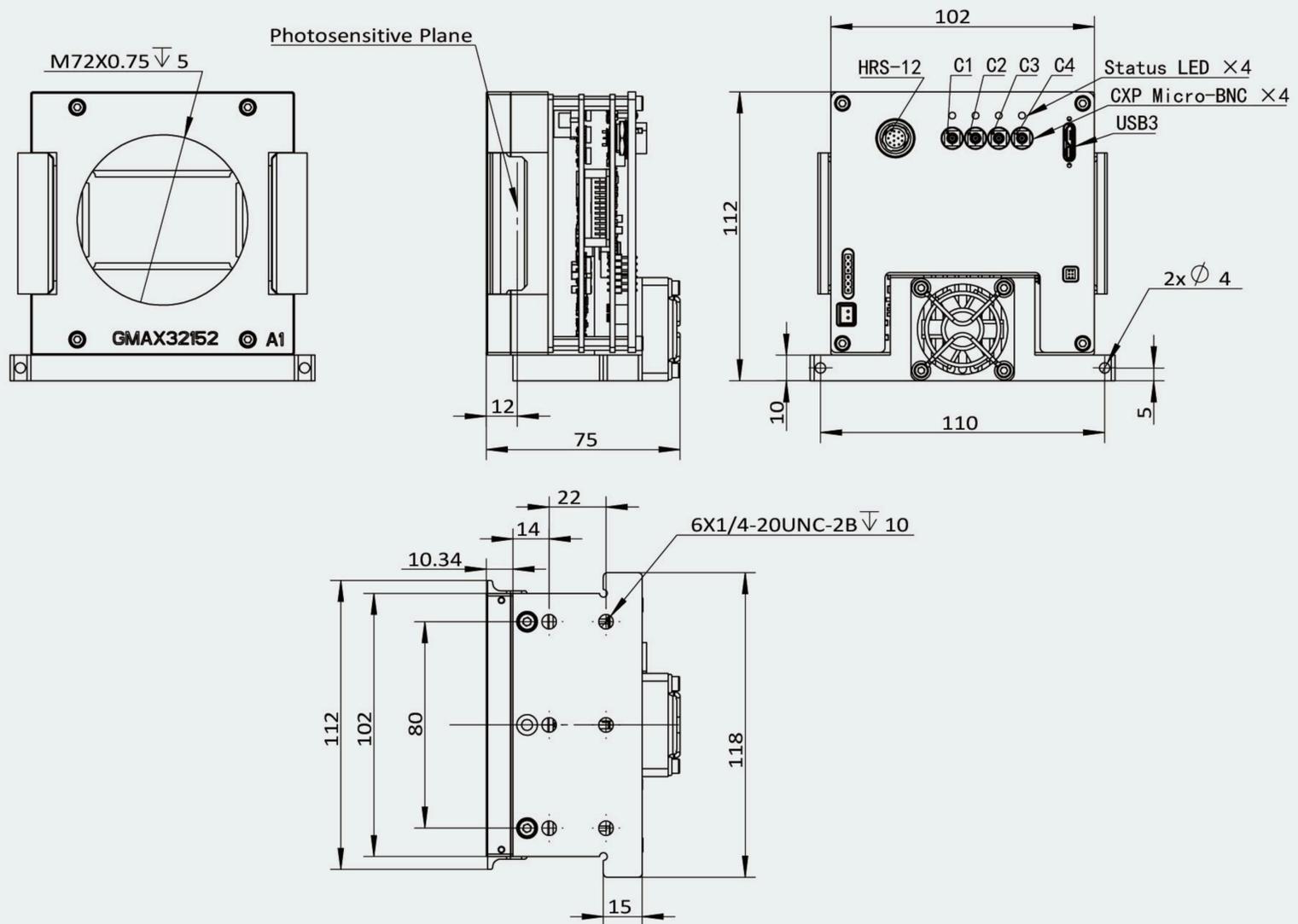


Evaluation Kit Includes

- Evaluation module
- Power adapter
- Power Cable with DC plug and trigger
- DC Plug adapter 2.1mm to 2.5mm
- Extension ring M72 to M72-7.55mm
- USB Cable Type-A to Micro-B (only USB3 Interface)

Note: 1.A CXP2.0 frame grabber and four CXP cables are required to use this evaluation kit.
 2.The sensor is not included in evaluation module.

Mechanical Drawing



Note: HBW-GMAX32152S-CXP2.0 only has CXP Micro-BNC connector,
 HBW-GMAX32152S-U3V only has USB3 Micro-B connector.

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