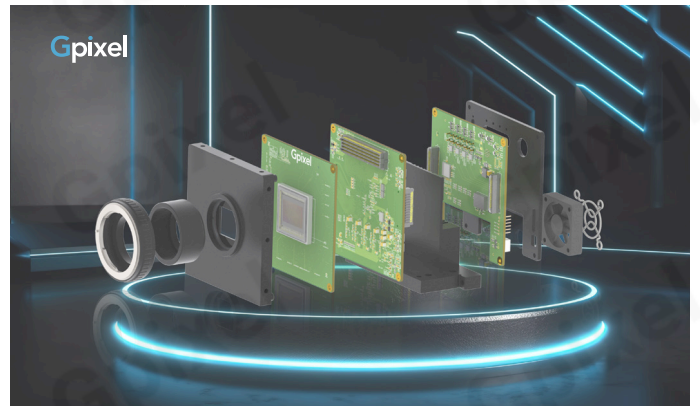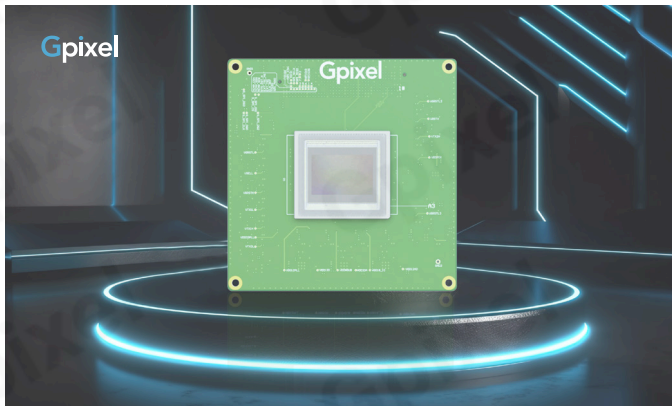# Gpixel

GSPRINT5514BSI
Evaluation Kit

General Description

Gpixel's CoaXPress-based evaluation platform is ideal for an easy and accurate evaluation of the GSPRINT5514BSI high speed 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 interface ensures a smooth, real-time imaging experience.
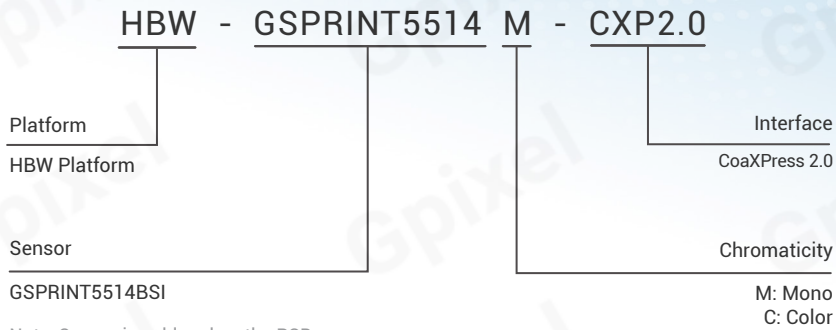

Key Features

- CoaXPress2.0 Interface
- Raw Image Output
- 10/12-bit Modes
- Normal, Binned or Windowed Readout
- GenICam Compatible
- User-friendly Form Factor
- M42- and F-mount

Specifications

Item	Description
Sensor	GSPRINT5514BSI
Output Interface	4-channel, Micro-BNC connector
Resolution (H x V)	4608 x 3072
Frame Rates	Normal:253fps(10b)/217fps(12b) Binned:614fps(10b)/327fps(12b) High Speed:282fps(10b)
Exposure Time	4µs ~ 49.99s
Pixel Bit Depth	10/12-bit
Trigger Mode	External / Free Running
Lens Mount	M42-mount or F-mount
Power Supply	10V~25V
Power Consumption	Typical 25.6W@12V DC
Operating Temperature	0-50℃

Ordering Information

HBW - GSPRINT5514 M - CXP2.0

Platform
HBW Platform

Sensor
GSPRINT5514BSI

Note: Sensor is soldered on the PCB

Interface
CoaXPress 2.0

Chromaticity
M: Mono
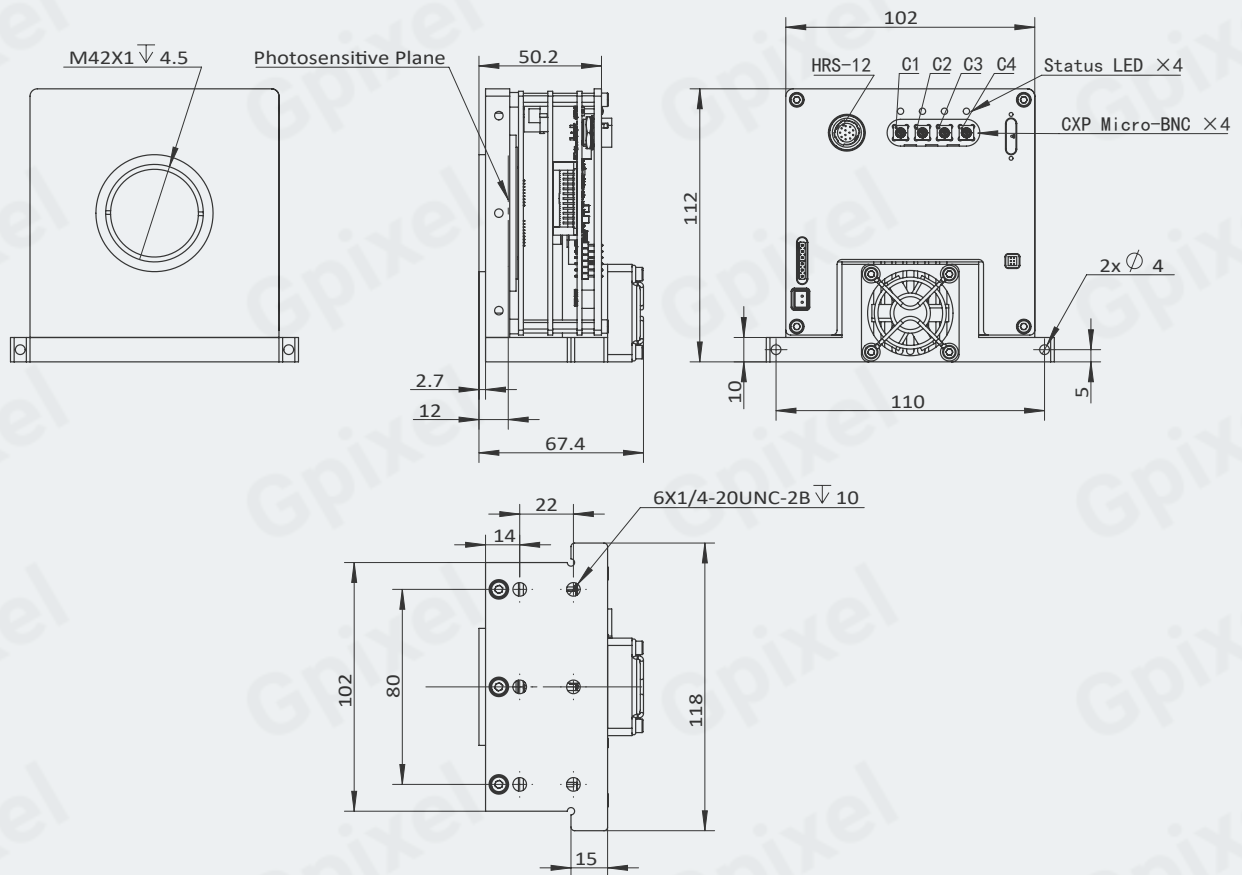C: Color

Evaluation Kit Includes

- Evaluation module

- Power cable with DC plug and trigger

- Extension ring M42 to M42-19.5mm

- F-mount adapter, 15mm

- Power adapter

- DC plug adapter 2.1mm to 2.5mm

Note: a CXP2.0 frame grabber and four CXP cables are required to use this evaluation kit.

Mechanical Drawing