

D-Robotics

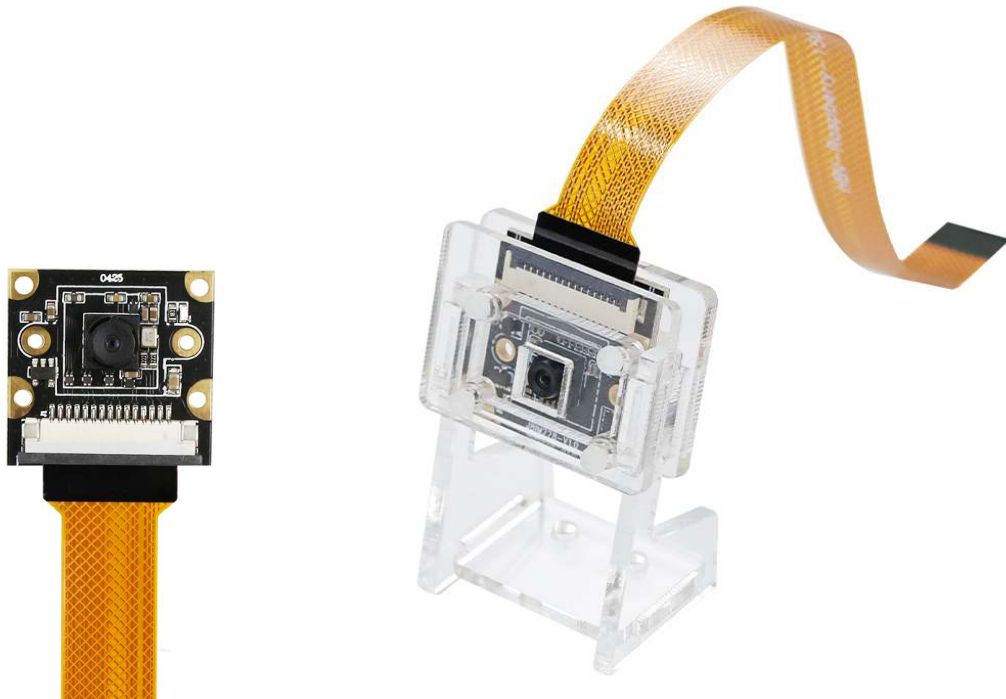
RDK X5 Camera Module



V1.1
2025-05

D-ROBOTICS HOLDING LIMITED

D-Robotics RDK X5 Camera Module



BRIEF

RDK X5 Camera Module is a high-definition camera module purpose-built for the D-Robotics RDK X5. It features the Sony IMX219 image sensor with 8-megapixel resolution and a 1/4" CMOS rolling shutter architecture. With a wide 120° diagonal field of view and a fixed 1.88mm focal length lens, the module is ideal for wide-angle imaging applications. Optical distortion is well controlled at under 13.6%. The module connects via a standard MIPI CSI interface and is well-suited for robotic vision, perception, and image recognition tasks.

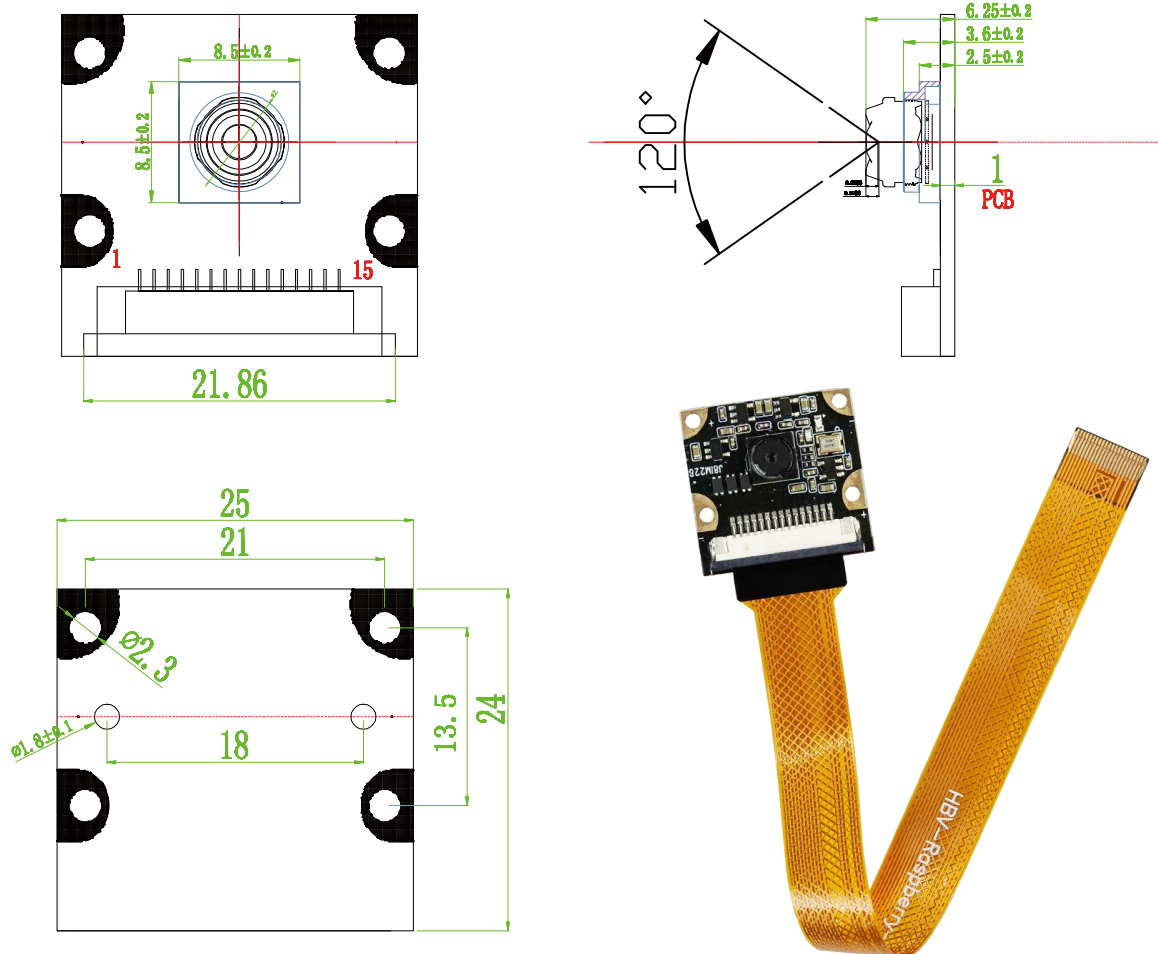
SPECIFICATIONS

Image Sensor	Sony IMX219, 1/4" CMOS, Rolling Shutter
Still Image Resolution	8 Megapixels (3280 × 2464)
Field of View (FOV)	120°
Focal Length	1.88mm
Distortion	<13.6%

Compatible with D-Robotics RDK X5

SPECIFICATIONS

Dimension



SAFETY INSTRUCTIONS

To Avoid Malfunction Or Damage:

- This product is intended for use exclusively with the RDK X5.
- Do not expose the device to water or moisture during operation. Avoid placing it on conductive surfaces.
- Damage caused by connecting incompatible devices is not covered under warranty or support.

For detailed specifications, please visit : <https://developer.d-robotics.cc/en>



<https://developer.d-robotics.cc>