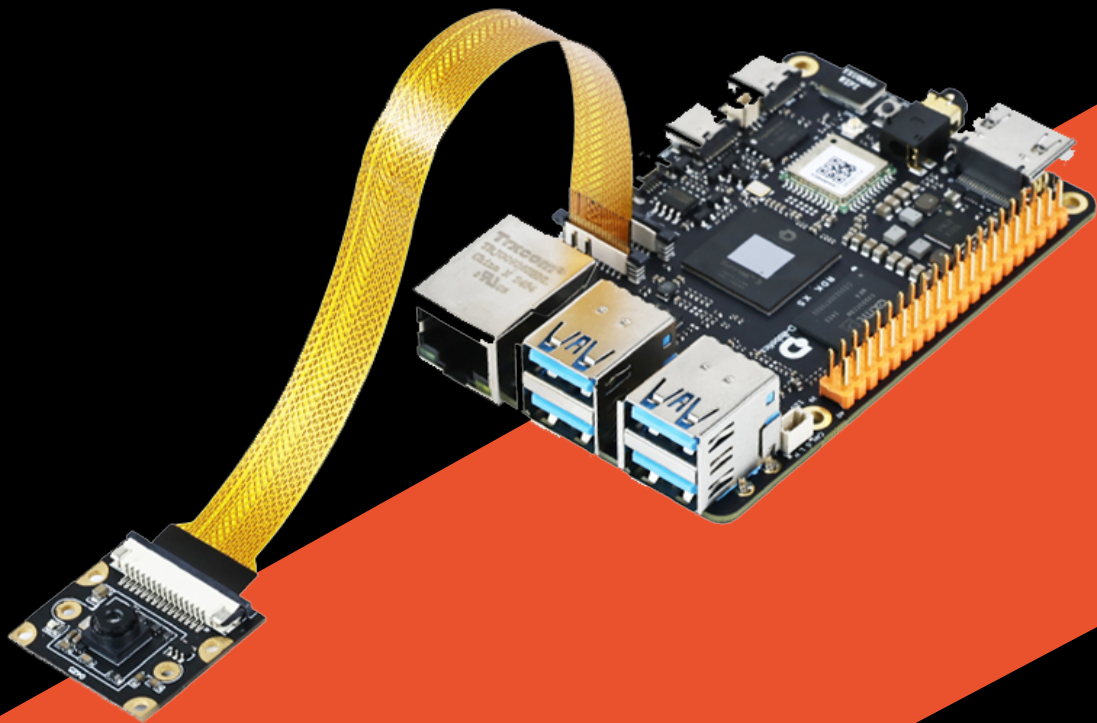


D-Robotics

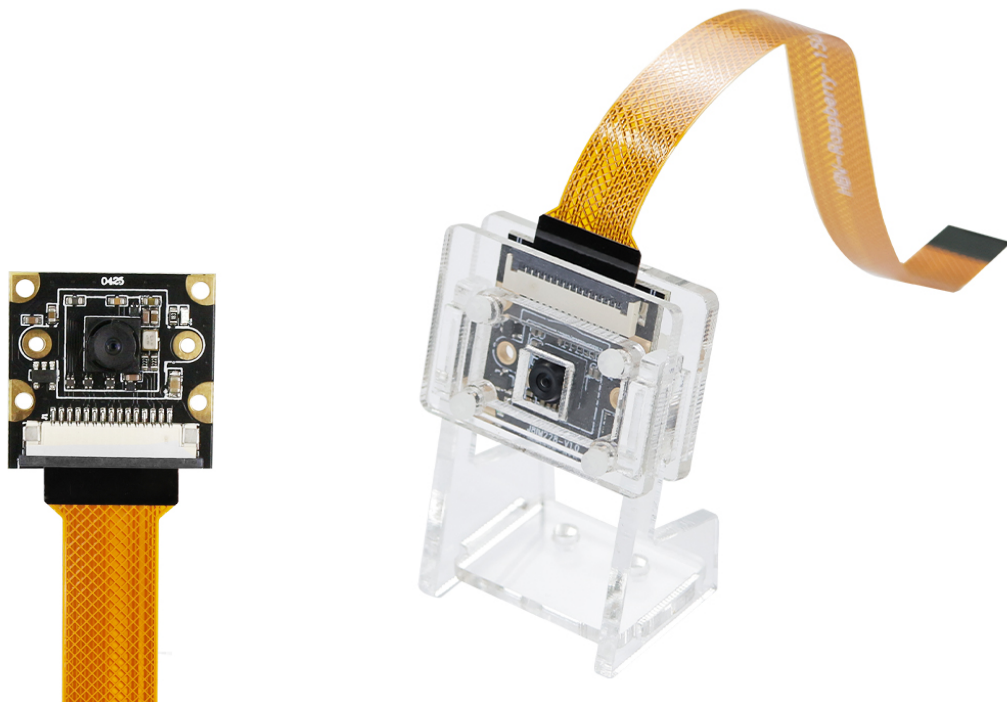
RDK X5 Camera Module



V1.1
2025-05

D-ROBOTICS HOLDING LIMITED

D-Robotics RDK X5 Camera Module



BRIEF

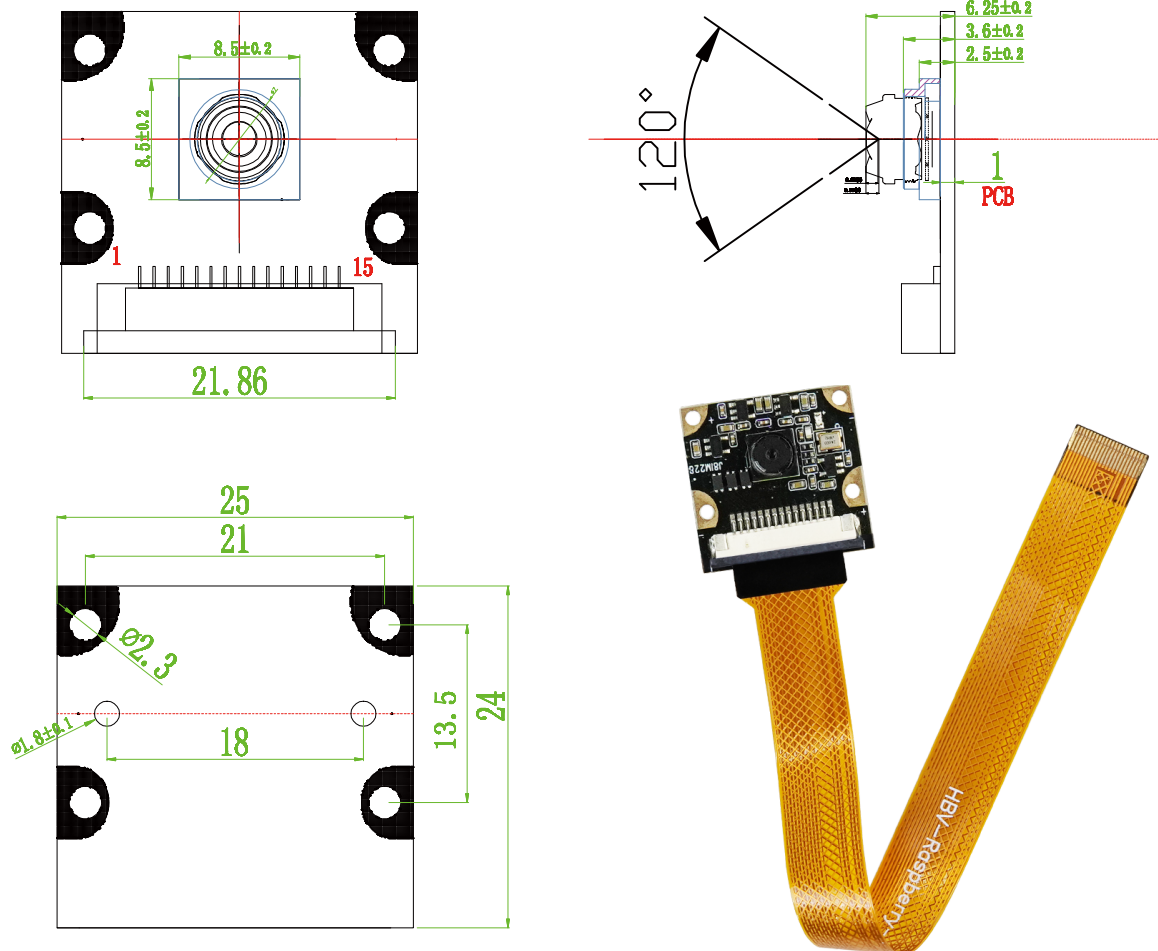
RDK X5 Camera Module is a high-definition camera module purpose-built for the D-Robotics RDK X5. It features the Sony IMX219 image sensor with 8-megapixel resolution and a 1/4" CMOS rolling shutter architecture. With a wide 120° diagonal field of view and a fixed 1.88mm focal length lens, the module 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>