

D-Robotics

RDK X3 Camera Module RS400W



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D-ROBOTICS HOLDING LIMITED

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The RS400W HD camera module is specially optimized for the RDK X3 platform, featuring a compact design with high sensitivity and low noise for excellent imaging performance. It connects directly via a standard CSI interface and supports up to 2560×1440 resolution at 60 FPS, making it an ideal solution for robotic vision, industrial inspection, and other applications.

BRIEF

The RDK X3 RS400W camera module uses the GC4663 CMOS sensor, supporting 4 megapixels at 60 FPS for high-definition imaging. It is equipped with a 104° wide-angle lens and features automatic exposure and white balance. With a 24-pin direct connection design, it is an ideal choice for machine vision applications.

SPECIFICATIONS

Image Sensor	GC4663 CMOS
Resolution	4 Megapixels, supports up to 2560×1440 at 60 FPS
Field of View	Horizontal 104° / Vertical 70° / Diagonal 113°
Aperture	F2.4
TV Distortion	<-2.7%
Connection	24-pin flat cable direct connection
Image Control Features	Auto Exposure / Auto White Balance
Operating Temperature	-30°C to 85°C (Stable Imaging: 0°C to 60°C)
Lens Size	1/3 inch
Dimensions	24 × 25 × 22 mm
Weight	8 grams
Lifecycle	Mass production maintained at least through 2030



- ## SAFETY INSTRUCTIONS

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