

D-Robotics

RDK Stereo Camera GS130W



V1.1
2025-10

D-ROBOTICS HOLDING LIMITED

D-Robotics RDK Stereo Camera GS130W



BRIEF

The D-Robotics RDK™ Stereo Camera GS130W is a MIPI-based stereo depth camera equipped with dual SC132GS global shutter sensors. It supports synchronized dual exposure and external triggering. With an 80 mm baseline, 1280×1080 resolution per channel, and up to 120 fps output, it delivers high dynamic range (HDR), 40 dB SNR, and enhanced sensitivity at 850/940 nm NIR. It is designed for robotic vision, machine vision inspection, and real-time motion monitoring applications.

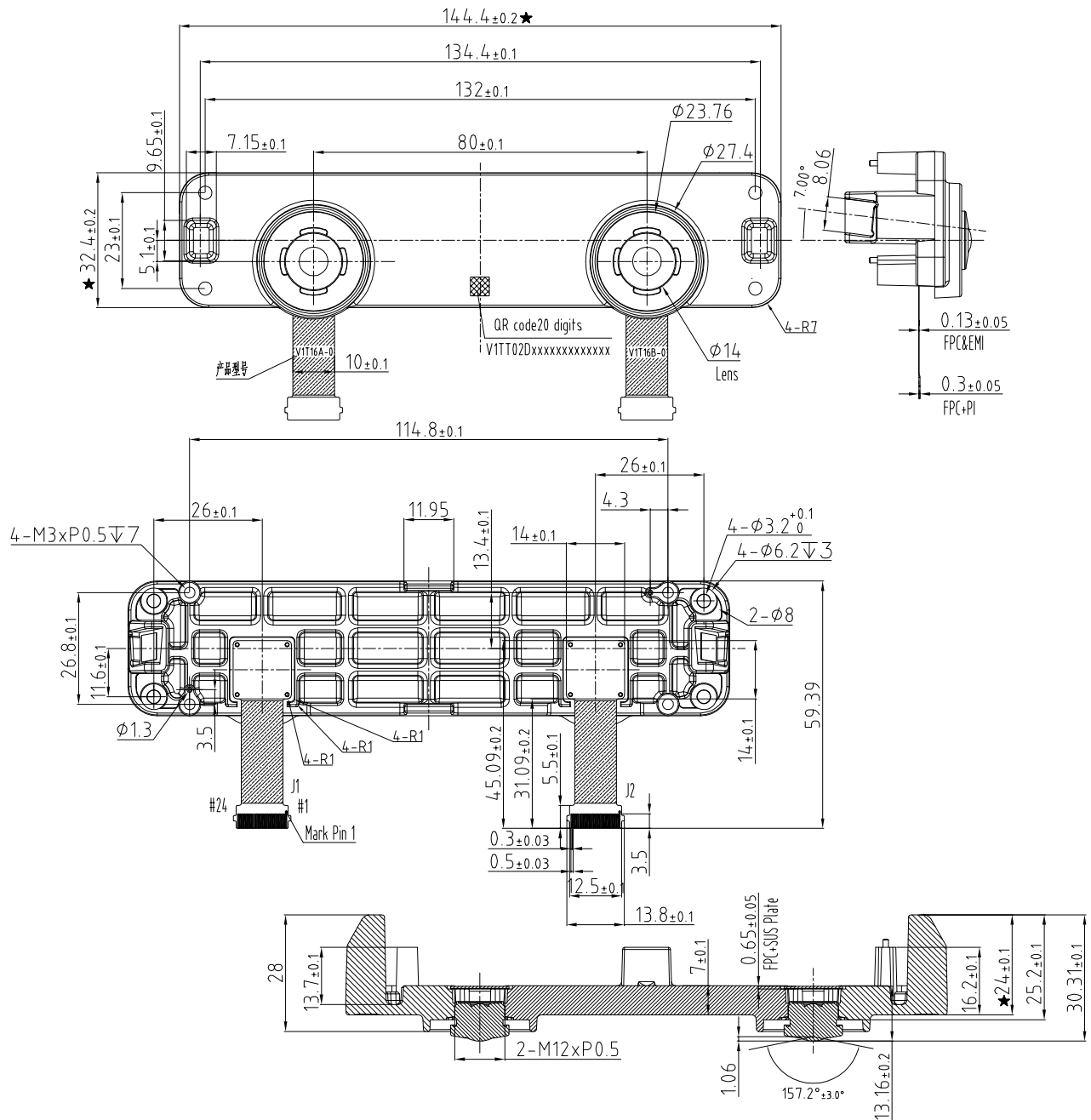
SPECIFICATIONS

Image Sensor	2 × SC132GS, 1/4" CMOS, Global Shutter
Resolution	1280 × 1080
Pixel Size	2.7 μm × 2.7 μm
Baseline	80 mm
Focal Length	1.75 mm
Aperture	F2.0
Field of View (FOV)	Diagonal 157.2° / Horizontal 96.8° / Vertical 115.6° ±3°
Signal-to-Noise Ratio (SNR)	40 dB
Max Frame Rate	1280×1080@120FPS
Output Format	MIPI CSI-2, 8/10/12-bit RAW
Synchronization	Supports external trigger and multi-sensor synchronization
Operating Temperature	-20 °C ~ 60 °C

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

SPECIFICATIONS

Dimension



SAFETY INSTRUCTIONS

To Avoid Malfunction Or Damage:

- This product is intended for use exclusively with the RDK X5 , RDK S100.
- 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.



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