

Low-Light Camera

Low-Light Camera for the Vision 60

- **Low-Light Navigation:** Optimized optics for clear imaging in dark conditions.
- **Seamless Deployment:** Quick installation using standard Picatinny rails.
- **Durability:** Designed to withstand impacts, submersion, and extreme conditions.
- **Real-Time Integration:** Stream video via RTSP for live monitoring and Mission Control compatibility.

Summary Overview

The Low-Light Camera Payload enhances the Vision 60 Q-UGV's tele-operated capabilities in challenging lighting conditions. Featuring advanced optical systems, it enables effective navigation and surveillance in environments with minimal light, ensuring operational reliability across diverse applications such as perimeter and facility monitoring, search and rescue missions, wildlife observation, and navigation in low-light environments.

Key Features

- **Enhanced Low-Light Performance:** Operates in illumination as low as 0.0001 lux, enabling clear visibility in near-total darkness.
- **High-Resolution Imaging:** 960x540 resolution (downscaled from 1920x1080) at 15 fps.
- **Wide Field of View:** 95° FoV ensures broad area coverage.
- **Rugged and Reliable:** Built to IP67 standards, suitable for harsh environments.

Specifications

Part No.: (ACC-VS60IR0000-01)

Resolution	960 x 540 (downscaled from 1920x1080)
Frame Rate	15 fps (downscaled from 30 fps)
Field of View	95°
Minimum Illumination	0.0001 lux
Interface/Protocol	Ethernet (RJ45) / RTSP
Power Requirements	12VDC
Environmental Durability	IP67, 0°C to 50°C
Included Components	▪ Low-Light Camera Payload (GR-H0179-01) ▪ Picatinny Rail Quick Release Mount (GR-F0264) ▪ Cable Management Kit (GR-H0219), Shipping Case (GR-K0054) ▪ User Guide (GR-D0017)