![Himax logo]

Gimbal Camera
Versatile Sensor Options
for diverse applications

- 40 x Zoom capability in an ultra-compact, ultralightweight footprint
- EO/LWIR dual-camera with embedded Intelligent targeting and tracking (Edge AI ~4 Tops)
- Electronic Image Stabilization (EIS) for enhanced clarity and image quality
- Supports standard protocols (MAVLink, Ethernet, RTSP) for easy integration and customization

Gimbal Camera General Diagram for UAV

Mounting Base

UAV		AI ISP/SOC		Control Board

VCC
UART / SPI
Ethernet
S.BUS

RTSP

Ethernet

CAN

Gimbal Control Module

Camera Payload Module

MIPI / USB

VCC

Camera module

TELE 48M	WIDE 48M	LWIR	LRF

Motor control

(Pitch, Yaw, Roll)

Payload Platform

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