

PTZFusion™ Lite-13

RUGGED ONVIF PTZ POSITIONING FOR OIL & GAS OPERATIONS

Designed, Built & Supported in the USA

The **PTZFusion Lite-13** turns any stationary ONVIF sensor — including OGI cameras for fugitive-emissions monitoring, thermal, LWIR, visible and starlight — into a native ONVIF PTZ system for wellheads, pipelines, tank farms, and processing sites. There's no dedicated PC or extra field electronics to install and maintain at remote locations, and a single PoE+ cable simplifies power and data at unmanned sites.

ONE PAN-TILT PLATFORM. MANY SENSORS.

One mechanical platform, one power/network drop, and one ONVIF profile support any of the sensor types below — swap or upgrade the payload later without re-engineering the mount, cabling, or VMS integration.

Visible	Thermal	SWIR	LWIR	OGI
LPR	Starlight	Antenna	IR Lights	LIDAR

WHY OIL & GAS OPERATORS CHOOSE PTZFusion

- **Optical Gas Imaging ready:** Pair with an OGI camera for continuous fugitive-emissions monitoring across tank farms and process units.
- **Extreme-environment rated:** -40°C to +60°C, IP67 sealed, marine grade white powder for desert, arctic and coastal sites.
- **Minimal field footprint:** PoE+ single-cable power/data — no dedicated PC, serial converters, or extra electronics cabinet at remote sites
- **Remote-site reliability:** Zero scheduled maintenance, all-metal gear train, no startup calibration required.
- **Sensor agnostic payloads:** mount thermal, OGI, LWIR, visible or starlight cameras — plus antennas or lights.
- **Works with any VMS:** ONVIF Profile S conformant — the positioner is transparent, the VMS only sees a native PTZ camera.
- **Legacy & SCADA friendly:** Pelco-D over RS-485 support and a REST API for integrating with existing site systems.
- **Backed locally:** 1-year warranty, USA-based design, manufacturing, and technical support.



KEY SPECIFICATIONS

Pan Range	0° to 360°	Ingress Rating	IP67
Tilt Range	-30° to +90°	Operating Temp	-40°C to +60°C (-40°F to +140°F)
Accuracy	±0.1°	Power	PoE+ IEEE 802.3at (25.5W)
Speed	Pan 0-28°/sec · Tilt 0-10°/sec	Conformance	ONVIF Profile S
Capacity	Up to 13 lbs, balanced load	Warranty	1 Year

SITES & APPLICATIONS

Wellheads & Pads	Pipeline Right-of-Way	Tank Farms & Terminals	Compressor & Pump Stations
Refineries & Processing Units	Offshore Platforms	Gathering & Metering Stations	Perimeter & Access Control