

PTZFusion™ Lite-13

RUGGED ONVIF PTZ POSITIONING FOR CHEMICAL FACILITIES

Designed, Built & Supported in the USA

The **PTZFusion Lite-13** turns any stationary ONVIF sensor — including OGI cameras for vapor and leak visualization, thermal, LWIR, and visible — into a native ONVIF PTZ system for tank farms, process units, and perimeter monitoring. There's no dedicated PC or added software required within the plant network and IP67 sealing with marine-grade powder coat stands up to washdown and corrosive atmospheres.

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 CHEMICAL FACILITIES CHOOSE PTZFusion

- **Optical Gas Imaging compatible:** pair with an OGI camera for continuous vapor and leak visualization across storage and process areas.
- **Corrosion-resistant construction:** marine-grade white powder coat, aluminum & stainless steel, IP67 sealed for washdown environments.
- **Minimal control-room footprint:** no dedicated PC or added software to patch or harden — it's just another camera to the VMS.
- **Reliable in extreme conditions:** -40°C to +60°C, all-metal gear train, zero scheduled maintenance.
- **Sensor-agnostic payloads:** mount thermal, OGI, LWIR, or visible cameras — plus antennas or lights as the site requires.
- **Works with any VMS:** ONVIF Profile S conformant — the positioner disappears, the VMS just sees a native PTZ camera.
- **Legacy & SCADA friendly:** Pelco-D over RS-485 support and a REST API for integrating with existing plant 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

Tank Farms & Storage	Process Units	Loading & Unloading Racks	Perimeter & Fenceline Monitoring
Wastewater & Effluent Areas	Warehousing & Distribution	Rail & Truck Terminals	Control Room & Admin Areas