

PTZFusion™ Lite-13

RUGGED ONVIF PAN-TILT POSITIONING FOR CRITICAL INFRASTRUCTURE

Designed, Built & Supported in the USA

The **PTZFusion Lite-13** turns any stationary ONVIF sensor — including visible, thermal, SWIR, LWIR, OGI, LPR, or starlight — into a native ONVIF PTZ system. The VMS sees one device, not two, with no extra software, serial converters, or dedicated PC required. For substations, water/wastewater plants, telecom sites, and other essential facilities. A single PoE+ cable simplifies power and data at unmanned, distributed 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 CRITICAL INFRASTRUCTURE OPERATORS CHOOSE PTZFusion

- **Resilience-focused monitoring:** Pair with a thermal/LWIR camera for continuous condition and perimeter monitoring at unmanned sites.
- **Built for exposed sites:** -40°C to +60°C, IP67 sealed, marine grade powder coat, zero scheduled maintenance.
- **Single-cable simplicity:** PoE+ power/data reduces wiring complexity across sprawling facility footprints.
- **Distributed-site ready:** No dedicated PC or added software layer to patch or replace a remote locations.
- **Sensor-agnostic payloads:** Mount thermal, visible, starlight, or LPR cameras — plus antennas or lights as needed.
- **Works with any VMS:** ONVIF Profile S conformant — the positioner is transparent to the system.
- **Legacy & SCADA friendly:** Pelco-D over RS-485 support and a REST API for integrating with existing control 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

Substations and Switchyards	Water & Wastewater Treatment	Telecom & Data Facilities	Transportation Hubs
Dams & Water Control	Emergency Operations Centers	Utility Yards & Depots	Perimeter & Access Control