

PTZFusion™ Lite-13

RUGGED ONVIF PTZ POSITIONING FOR POWER DISTRIBUTION

Designed, Built & Supported in the USA

The **PTZFusion Lite-13** turns any stationary ONVIF sensor — including thermal/LWIR cameras for equipment hot-spot monitoring, visible, starlight, and LRP — into a native ONVIF PTZ system for substations, switchyards and transmission corridors. A single PoE+ cable simplifies power and data across a large substation footprint, with no dedicated PC or added software layer to secure.

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 POWER DISTRIBUTION OPERATORS CHOOSE PTZFusion

- **Thermal hot-spot monitoring:** Pair with a thermal/LWIR camera for continuous condition monitoring of transformers, breakers and bus work.
- **Built for the substation environment:** IP67 sealed, all metal gear-train, -40°C to +60°C, marine-grade powder coat for outdoor exposure
- **Simplified cabling:** Single PoE+ Ethernet cable for power and data — no separate control wiring across the switchyard.
- **No added software to secure:** ONVIF Profile S conformant, no dedicated PC — the positioner is transparent to the VMS.
- **Sensor-agnostic payloads:** Mount thermal, visible, starlight or LPR cameras — plus antennas or lights as needed.
- **Works with any VMS:** The positioner appears as a native PTZ camera — no proprietary software required.
- **Legacy & SCADA friendly:** Pelco-D over RS-485 support and a REST API for integration with existing control and security 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 & Switchyards	Transmission Line Corridors	Distribution Yards	Generating Stations
Control Buildings & Perimeter	Renewable Energy Sites	Metering & Billing Areas	Storage & Laydown Yards