

PTZFusion™ Lite-13

RUGGED ONVIF POSITIONING FOR PERIMETER & BORDER SECURITY

Designed, Built & Supported in the USA

The **PTZFusion Lite-13** turns any stationary ONVIF sensor — thermal/LWIR and SWIR for day/night detection, starlight for low-light and LPR for checkpoints — into a native ONVIF PTZ system for border corridors, checkpoints and remote towers. A single PoE+ cable simplifies power and data at unmanned, solar powered sites and requires no extra software, servers, or dedicated control PCs at the edge.

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 SECURITY & BORDER OPERATIONS CHOOSE PTZFusion

- **Long-range detection payloads:** Pair with thermal/LWIR or SWIR cameras for day/night detection across wide border corridors.
- **Built for remote towers: Single PoE+ cable:** -40°C to +60°C, IP67 sealed, marine grade powder coat, zero scheduled maintenance.
- **Low-power, single-cable install:** PoE+ power/data simplifies solar and generator-powered remote tower deployments.
- **Checkpoint-ready:** LPR-capable payloads support vehicle identification at ports of entry and checkpoints.
- **Sensor-agnostic payloads:** Mount thermal, SWIR, LWIR, visible, starlight, or LPR cameras — plus antennas or lights.
- **Works with any VMS or C2:** ONVIF Profile S conformant — the positioner disappears into systems already fielded.
- **Legacy-friendly:** Pelco-D over RS-485 support and a REST API for integration with existing command 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

Critical Border Corridors & Fence Lines	Ports of Entry & Checkpoints	Remote Surveillance Towers	Perimeter Security
Command & Control Integration	Rapid Deployment Sites	Vehicle & Foot Patrol Routes	Critical Infrastructure Edges