

PTZFusion™ Lite-13

MISSION-READY ONVIF PAN-TILT PLATFORM FOR GOVERNMENT & DEFENSE

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 for perimeter security, base protection, and critical infrastructure missions. It requires no extra software, servers, or dedicated control PCs at the edge — reducing footprint, attack surface, and lifecycle cost for government and defense programs.

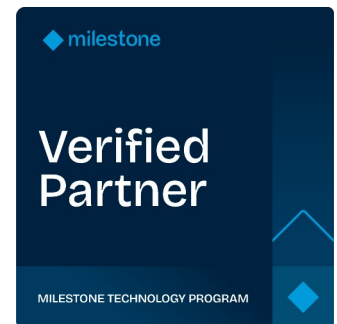
ONE PAN-TILT PLATFORM. MANY SENSORS.

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 GOVERNMENT AND DEFENSE PROGRAMS CHOOSE PTZFUSION

- **USA designed, built and supported:** Full lifecycle sourced and supported domestically, supporting program continuity and supply-chain transparency.
- **Secure by design:** Signed firmware and secure boot help protect against tampering or unauthorized firmware modification.
- **Mission-rugged:** IP67 sealed, all metal gear train, -40°C to +60°C, zero schedule maintenance for austere or remote sites.
- **Reduced attack surface:** Entirely IP/PoE+ based — no serial converters, no dedicated control PC, no added software layer to patch.
- **Open, standards-based integration:** ONVIF Profile S conformant with a REST API — works with VMS/C2 systems already fielded.
- **Legacy-friendly:** Pelco-D over RS-485 support for retrofitting existing control infrastructure on base or at the perimeter.
- **Sensor-agnostic payloads:** Mount thermal, SWIR, LWIR, OGI, LPR or starlight cameras — plus antennas, light or LIDAR.
Backed locally: 1-year warranty with 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

Base & Perimeter Security	Border Security	Critical Infrastructure Protection	Power Distribution / Substations
Defense & Military Installations	Government Facilities	Law Enforcement	Intelligence & Surveillance (ISR)