



MSP-LIGHT PAN & TILT

The MSP-Light is a rugged, two-axis platform engineered for 24/7 long-range surveillance. Leveraging defense-grade direct drive technology, it delivers ultra-precise positioning and military-level reliability for civil applications.

The MSP-Light brings defense-grade Direct Drive technology to civil surveillance. Controlled via ONVIF, it offers 24/7 military-tested precision and repeatability for long-range, critical observation.

Its modular design supports dual-sensor setups, including visible/thermal cameras and rangefinders. Optimized for the Fujinon SX series, it easily adapts to various payloads like antennas or specialized sensors.

Fully ruggedized for extreme environments, the MSP-Light ensures peak performance in any condition. It is the premier choice for high-capacity, professional-grade sensor positioning and mission-critical reliability.

KEY FEATURES

Modular Flexibility

Supports dual-sensor configurations (Visible/Thermal) and rangefinders, optimized for the Fujinon SX camera series.

Plug & Play

Easy installation with standard ONVIF software compatibility.

Extreme Durability

Ruggedized design ensures peak performance in the harshest environments and critical missions.

High Accuracy

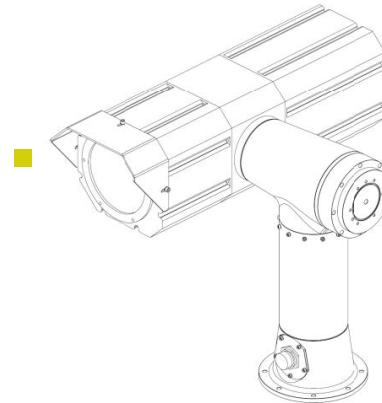
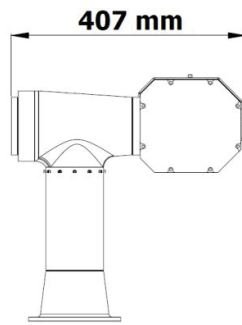
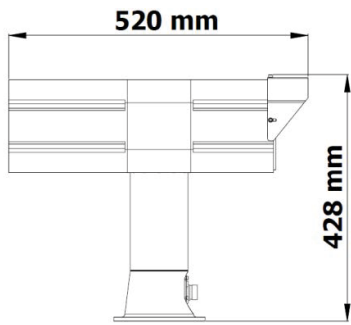
Exceptional repeatability for advanced observation and tracking.

APPLICATIONS

- Border & Perimeter Security
- Critical Infrastructure Protection
- Wildfire Detection & Environmental Monitoring
- Coastal & Maritime Surveillance

HIGH PRECISION PAN & TILT: MSP-LIGHT

DIMENSIONS



PERFORMANCE

Specification	MSP-Light		
	No Camera	1 Camera	2 Camera
Dimensions	428 x 160mm	428 x 520 x 407mm	428 x 520 x 575mm
System mass (without payload)	12kg		
Payload capacity	10kg + 10kg		
Housing Material	Aluminium		
Azimuth Range	360° continuous rotation		
Elevation Range	-90° to +90°		
Slew rate	Max 90°/s - Min 0.017°/s		
Max. acceleration	170°/s ²		
Precision	0.001°		
Gyro-stabilization	2 axis (optional)		
Working temperature range	from -25°C to +60°C		
IP protection grade	IP65		
Input voltage range	from 16Vdc to 40Vdc		
Power consumption	60W typical, 200W peak		
Available on-board power	300W		
GNSS/INS	Optional		
AI Computing	Optional		
Connectivity with payload	Onvif / Dedicated		



MAIN FEATURES & OPTIONAL UPGRADES

- AI-Powered Analytics**
 Optional integrated processor for automated target detection and tracking.
- Integrated Lens Wiper**
 Optional automated wiper system for clear vision in rain or dust.
- Rugged Tactical Tripod**
 Heavy-duty mount designed for rapid field deployment and stability.
- Protective Transit Case**
 Custom-fitted, ruggedized hardshell case for secure mobility.
- Precision Joystick Control**
 Ergonomic hardware for intuitive, realtime manual tracking.
- Dedicated Control PC**
 Pre-configured computer optimized for ONVIF software and sensor management.