

# LKX SURV

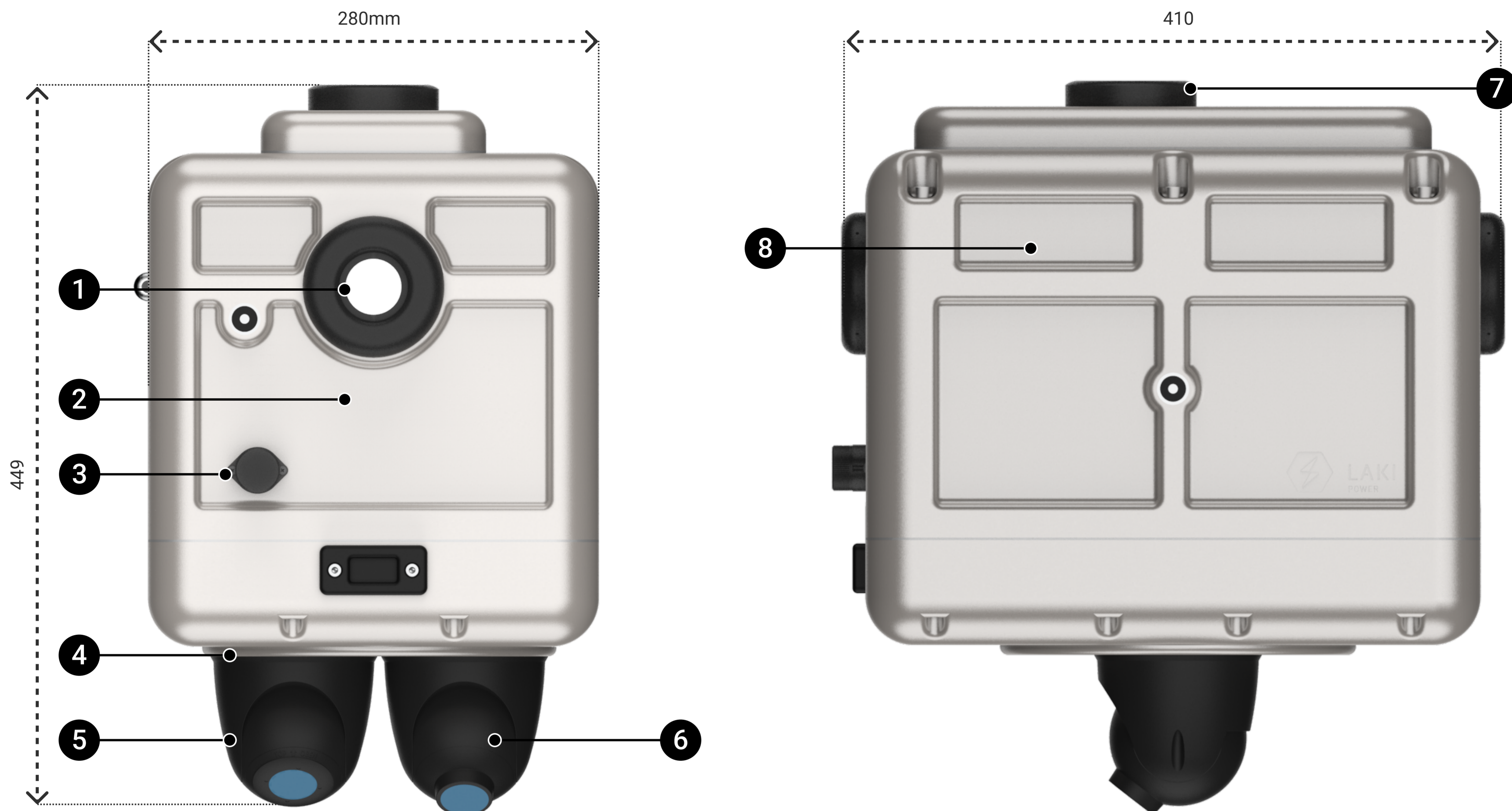
## Pan-Tilt Dual Lens Camera Optimized for Surveillance

A compact monitoring unit equipped with optical and thermal sensors offers pan-tilt flexibility during installation. Choose between long-range and close-up lenses; ensuring surveillance without blind spots.



- ✓ **Easy Installation**  
Designed for simplicity, the LKX SURV can be set up in minutes via a bucket truck, with flexibility for various overhead line setups.
- ✓ **Dual Camera Monitoring**  
Equipped with optical cameras for high-res daytime surveillance and thermal cameras for night vision, ensuring 24/7 security.
- ✓ **Pan & Tilt mounts**  
Choose between close-up and long-range lenses to cater to your specific monitoring needs. 360° pan and 0-90° tilt for full directional coverage. Easily adjust during installation to optimize your viewing angle.

# Product Features



- 1** Line Sensors  
Conductor current and temperature
- 2** Accelerometer  
Tilt, roll, movement
- 3** External Power Input  
Only for testing

- 4** Pan/tilt Mount  
Configurable during installation
- 5** Optical Camera  
4K resolution
- 6** Thermal Camera  
Night vision

- 7** Communication Antenna  
LTE/UMTS/GSM
- 8** Anodized Aluminium  
Robust external housing

## Technical Specifications



Optical Camera	
Max Resolution	3840x2160px
Max Video FPS	9 fps (With Thermal installed)
Pan/tilt adjustment	Configurable during setup

Thermal Camera	
Max Resolution	640x480px
Max Video FPS	9 fps
Pan/tilt adjustment	Configurable during setup

Communication Options	
Mobile	LTE/UMTS/GSM
Optical fiber	Customizable
Relay Mesh	Customizable

Conductor Requirements	
Max Line Voltage	550kV
Max/Min Sub-Cond. Current	1600A / 60A
Max Sub-Conductor Diameter	56mm (2.2 inch)
Max Sub-Conductor Temp	150°C (302°F)

Operation and Shipping	
Maintenance	Fully autonomous operation. No user maintenance.
Operating Temperature	-40°C to +70°C (With cooling)
Dimensions	449mm x 410mm x 280mm
Unit Weight	37kg (82lbs)
Gross Shipping weight	55kg (121lbs)