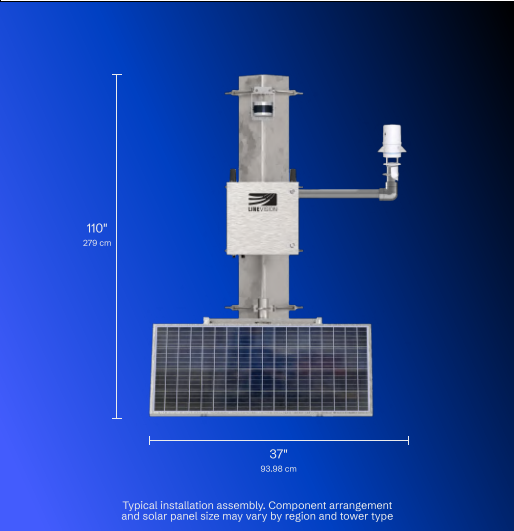# LINEVISION LUX™

The industry's most widely installed American-based non-contact sensor transforming the way power lines are monitored.

The Non-Contact, No Outage Sensor

Welcome to a new era in power line sensing with LineVision LUX™, where real-time data accuracy increases energy delivery. LineVision LUX™ is the industry's only patented non-contact sensor, built and designed to evolve with changing regulatory and technological advances. We never attach directly to live-lines, providing greater accuracy and flexibility to meet your ongoing needs and rigorous expectations.

110"
279 cm

37"
93.98 cm

Typical installation assembly. Component arrangement and solar panel size may vary by region and tower type

Scan / click this code to learn more

LiDAR SENSOR

Accurate and continuous data collection of conductor position

Weight	1.06 lbs (0.48 kg)
Ingress Protection Rating	IP68

WEATHER STATION

Precise, direct wind measurement and weather monitoring

Weight	2.69 lbs (1.22 kg)
Ingress Protection Rating	IP67
Wind Speed/Gust Accuracy	.3 m/s or 3% of measurement
Wind Speed/Gust Resolution	.01 m/s

ENCLOSURE

Secure, stainless steel enclosure, patented mounting hardware

Weight	30.3 lbs (13.7 kg)
Ingress Protection Rating	IP66
Assembly	Plug-and-play wiring, modularized assembly, 304 stainless steel

BATTERY

Lightweight, high-capacity, long-lasting

Type	Lithium Iron Phosphate (LiFePO4)
Weight	13.7 lbs (6.2 kg)
Nominal Voltage/Capacity	12.8 V / 52 Ah
Integrated Protections	Over-voltage, under-voltage, temperature limit detection

SOLAR PANEL

Independently powered by safe, reliable, clean energy

Weight	12 lbs (5.5 kg)
Ingress Protection Rating	IP65
Maximum Power	100 W @ 12 V
Voltage at Max Power	19.8 V
Current at Max Power	5.06 A

INTEGRATION & OPERATIONS

Comprehensive design and dependable partnership

Operating Temperature	-4° F to +131 F (-20° C to +55° C)
Humidity	0% to 100% relative humidity
Electromagnetic Compatability	FCC 47CFR PART 15
Tower Compatibility	Lattice towers, monopoles; adaptable platform mounting brackets
Product Assembly	All LineVision products are assembled in the USA in an ISO 9001 certified environment
Warranty	Full hardware maintenance and warranty for life of contract