

ZENITH

Technical Specifications



nexxis

NEXXIS.COM

ZENITH 4K VERTICAL INSPECTION SYSTEM

Zenith thrives in those hard-to-reach, vertical confined spaces. Conquer vertical inspections with ease!

What could traditionally cost hundreds of thousands to inspect, can be covered in a fraction of the time while also saving lives and money with the Zenith.

Never break the plane thanks to Zenith's Extension Arm and Smart Winch System.

The Zenith is perfectly designed for the inspection of vertical spaces. With a 500+ foot reach, and 360-degree viewing thanks to a specialised gimbal and CoaxDrive, the Zenith can record 4k video, 18MP stills and has a 30x optical zoom.

With far fewer weight restrictions for Zenith, it can carry a wide variety of payloads, starting with the advanced cam—allowing

users to zoom in live during an inspection to see a crack as small as 1/32" from 30 ft away!

Users can mount a wide array of additional payloads to the bottom of Zenith such as survey-grade LIDAR, Thermal, Gas Detection, Radiation sensors, etc. Light up the darkest spaces with a 10,000 Lumen LED light that is brighter than car headlights so you can see even the smallest of defects.

After the inspection, run your photos through our Photo Measurement Software that is included with Zenith to get precise defect dimensions.

Tackling those hard-to-reach areas, vertical assets are now the simplest inspection during the outage with the Zenith 4K Inspection system.

Features

- 2 hours of battery run time.
- Never break the plane for confined space entry.
- Attachment capabilities.
- Simple single-person operations.
- Fully automated inspections.
- Live 360°HD viewing.
- Smart winch system.
- CoaxDrive System.

Key Applications

- Bleaching towers.
- Stacks.
- Elevator shafts.
- Coal & lime silos.
- Rail cars.
- Sewer systems.
- Mine shafts.
- Wind turbines.



Built to the Highest Quality & Unsurpassed Reliability

ZENITH SPECIFICATIONS

CONTROLLER	Dimensions	L: 10" W: 11" H: 5" / L: 25.4cm W: 27.9cm H: 12.7cm
	Weight	3.1kg / 7lbs
	Viewing Screen	10" Screen in lid—1080p
	Camera	30X Optical Zoom, 18MP Still Photos, 4K Video Recording
	Camera Resolution	1/32" detection at 30ft / 9.1m 1/16" detection at 90ft / 27.4m
	Range of Motion	180° Floor to Ceiling view
	LED Light	100w, 10,000 lumen
	Dimensions	Collapsed Height: 30" / 76.2cm Fully Extended Height: 49" / 124.4cm Extended with Winch: 62.5" / 158.7cm Collapsed Tripod diameter: 7" / 17.8cm
	Weight	19lbs / 8.6kg
	Composition	Aircraft grade aluminium, Stainless-steel hardware
SMART WINCH SYSTEM	Dimensions	Full System Height: 13.5" / 34.2cm SWS w/o Gantry Height: 10" L: 10.5" W: 10" / H: 25.4cm L: 26.67cm W: 25.4cm
	Cable Depth	500ft / 152m—stock cable
	Cable	20-gauge .03in / .84mm cable
	Motor Speed	Up to 100ft/min / 30.5m/min
BATTERIES	Average Run Time	2+ Hours (Winch & Zenith)
	Dimensions	L: 3.5" W: 2.75" H: 3.75" / L: 8.9cm W: 6.9cm H: 7.62cm
	Battery	7000mAh 155.4Wh 22.2V
	Charge Time	High Capacity—3.5hrs on Standard Charger



Conquer vertical inspection with ease using Zenith-4K. Those hard to reach places are no longer unattainable.

HOUSTON

315 Odyssey, Suite D
Webster, TX 77598
United States
Ph: +1 (713) 258-6061

AUSTRALIA

35 Peel Road
O'Connor, WA 6163
Australia
Ph: +61 (08) 9418 4952

SINGAPORE

37 Jalan Pemimpin
#03-02 MPAEX
Singapore 577177
Ph: +65 3158 0269

GET IN CONTACT