TOWER SOLUTIONS

RAISING PERFORMANCE
WITH THE PUSH OF A BUTTON

STS-9

With it's rapid deployment and real-time self-leveling capabilities, the STS-9 can be used in highly mobile applications that require rapid repositioning of surveillance platforms.

The tower's patented design allows it to be stowed at a compact 30.25 inches and extend to a full height of 16 or 20 feet in just two minutes, making it the perfect solution for environments that demand rapid deployment. Its exceptional payload capacity enables a wide range of cameras, sensors, and antennas to be easily attached and deployed with the push of a button.

Go to
towersolutionsinc.com
for more information

SURVEILLANCE COMMUNICATIONS TACTICAL SUPPORT LIGHTING

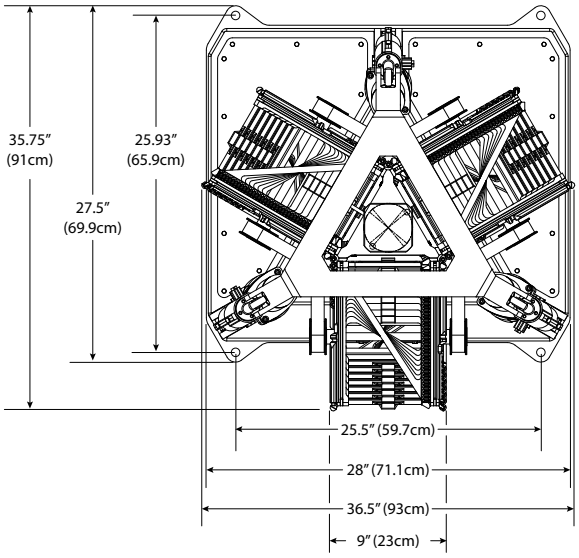
STS-9 SPECIFICATIONS

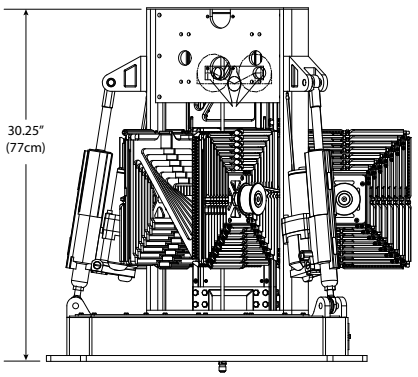
Fully Deployed Height	20ft (6.1m)	16ft (4.9m)
Overall Dimensions (Stowed)	36.5" W x 35.75" L x 30.25" H (93cm x 91cm x 77cm)	35.5" W x 35" L x 30.25" H (90cm x 89cm x 77cm)
Footprint (Deployed)[2]	36.5" W x 35.75" L (93cm x 91cm)	35.5" W x 35" L (90cm x 89cm)
Approximate Tower Weight	350 lbs (158.8 kg)	
Set Up Time[1]	In under two minutes	
Time to Max Deployed Height	80 seconds - 20ft (6.1m)	65 seconds - 16ft (4.9m)
Ability to Stop at Any Height	Yes	
Top Payload Capacity	**350 lbs (158.8 kg)**	
Mounting Interface Load Capacity (Tension/ Compression)	3X Ø .406" (1 cm) Equally Spaced on a Ø9.75" (24.75 cm) Bolt Circle	
Max Wind Speed	Varies with Payload Sail Area and Weight	
Max Operation Angle	10° Degrees	
Operational Temperature Range	-40° - 160° Degrees Celsius	
Voltage	Voltage: 24 VDC	
Current	Max Current Draw: 30A	
Connect type	Amphenol AHDM or D38999	
Power Pinout	Pin 1 - 0V, Pin 2 - 24V	
Data connection	J1939 CAN bus. 3 wire (CAN HI, CAN LO, Shield)	
Commands	Auto extend/stow, Manual Extend/Stow, Go to Height (customizable)	
Telemetrics	Extend/Stow Limit Fault, Power Status, Tower Height, Tower Level (reqs Auto-Leveling Option)	
Cable Management	Spring Powered Cable Reels or Nycoil	
Designed to meet MIL-STD-810 and MIL-STD-461 Standards for Environmental and EMI/EMC		

[1]Depending on Options/Conditions [2]Please allow a minimum of 6 inch (15cm) clearance from other obstructions for tower bale rotation

OPTIONS

- **Auto-Leveling** – Auto level up to 10 degrees for use in almost any terrain
- **Power Management System** – Variable capacity Li-Ion battery and vehicle alternator interface allow for silent operation
- **Truck Mount Skid** – Vehicle agnostic design for ease of mounting to commercial and military vehicles of any kind
- **Customization** – If you have unique requirements, we can deliver a solution.





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