

# Series WTW-S-26-MIMO (IP66)



## Dual Axis MIMO Tracking Antenna



WTW Anlagenbau GmbH is a premium manufacturer of tracking antennas employing the latest technology combined with ultimate performance for **UAS, Airplane, Helicopter, Missile and Rocket** applications on **Land** or

The WTW Tracking Antennas and Pedestals are developed in accordance with the latest scientific know-how to provide compactness, latest technology, low weight and high efficiency.

This is made possible by more than 40 years' experience in developing robust and long-lasting mechanics and excellent RF features.



### KEY FEATURES

Dimension	(Park Position El. 0°): appr. 32.5" x 11" x 38" (WxDxH)
Weight:	appr. 40 kg (88 lbs)
Mode	Manual-, Program-, GPS-Tracking
Torque:	Az. and El. up to 65 Nm
Backlash:	< 2arcmin
Velocity:	Az. and El. up to 60°/sec
Acceleration:	Az. and El. up to 60°/sec <sup>2</sup>
Travel:	Az. unlimited (Slipring), El. -5° to 90°
operational:	up to 65mph Wind speed
Bands:	S-Band: 2185-2485 MHz
Gain:	appr. 4x 18.5 dBi @ 2350 MHz
Polarization:	LHCP and RHCP (Dual Polarization)
Protection:	IP66
Temperature:	-20 to +45°C (extended range on request)
Camera:	Full-HD 30x optical zoom + digital zoom
Add-on:	GPS Tracking Module RS-232/422/485 to Ethernet (NMEA0183)
Filter:	S-Band

### **Included**

Ant. Control:	Web-based GUI (display) with animated antenna display controllable through Ethernet, up to 4 user
Transportbox:	
Cables:	16' cable set, 1x Power, 1x Ethernet

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## Options

Silvus Radio

Joystick with Touch display

Battery

Power Generator

Pedestal for Dehydrator, Air Condition

Control through Fiber Optic

Hydraulic Tower (up to 8m)

Autotrack configuration instead of MIMO configuration

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