WINDTALKER 3.0

SPECIFICATIONS

COMPONENTS	WINDTALKER
CONNECTIONS	ETHERNET, LTE, SATELLITE
WEIGHT	SHIPPING: 232 lbs
	STANDING: 82 lbs
CERTIFICATION	ATO-C PENDING
RANGE	30+ km* *DEPENDING ON ENVIRONMENT
ANTENNAS	4x PANELS
ENVIRONMENTAL	IP67 – EFFECTIVE -51°C to 67°C
EXPORT / SPECTRUM	FCC APPROVED HARDWARE
	NON-ITAR RESTRICTED
	PASSIVE RECEIVE-ONLY SENSOR
PLATFORMS & PROTOCOLS	SAPIENT
	COT
	UC2
	JSON
FSR ACCESS	NO FSR NEEDED

OPERATING PRINCIPLES

➢ Windtalker™ is entirely severed from all DJI server activity, making it the only Aeroscope-based system safe for DoD mission use
➢ Range spans 25-30km, terrain-dependent
➢ Various export protocols and rich API structure allow for universal connectivity to any CsUAS mitigation system or family of systems
➢ Rapid deployment allows for system set-up in 30 minute

PRODUCT FEATURES & FUNCTIONS

➢ Windtalker™ is a fully cyber-wrapped passive detection device capable of locating the pilot, home point and sUAS flight path for DJI aircraft
➢ A single node detects, identifies, and tracks 400+ drones simultaneously
➢ Intelligent built-in digital filters protect system from barrage jamming/spoofing
➢ Supplemental COTS library-based detection upgrade available for non-DJI sUAS links and platforms

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THE TRUTH ABOUT WINDTALKER VS. AEROSCOPE

Windtalker is the only Aeroscope-based system to be correctly reverse-engineered to perform fully secured from DJI influence

Windtalker (all versions)	vs.	Aeroscope (G8/G16)
Performs standalone, without connection to DJI		Requires DJI 'Backstage' server to run
Edgesource (U.S.) remotely updates software securely		DJI (China) insecurely updates software remotely
Internal module firewalled with no internet access		Unfettered access to the internet traffic in and out
Highly secure with no root access locally		Root access password listed publicly in user manual
Access via RSA certificates and encrypted VPN tunnel		Insecure remote file server access without encryption
Rapid detection library updates increase accuracy of detections		Slow updates to detection libraries causes inaccuracy

About Edgesource Corporation

Edgesource Corporation is a dynamic, quality-driven small business delivering innovative and forward-leaning solutions to its customers. Headquartered in Alexandria, VA, Edgesource closely supports a variety of federal defense and civilian customers. With subject matter experts and a staff of cleared professionals, our personnel solve complex mission-critical challenges with expedience and reliability in CONUS and OCONUS environments.

CONNECT

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