



KEY FEATURES

- PRECISE UAV DETECTION UNIT
- 360 DEGREE AZIMUTH DETECTION
- X-BAND PHASED ARRAY SYSTEM
- SPECIALIZED FOR MICRO AND SMALL CIVILIAN UAVS
- DETECTION RANGE UP TO 2 KM RADIUS
- REAL TIME TARGET TRACKING
- SEAMLESS OMNIDIRECTIONAL MONITORING
- ACCURATELY DETECTS, TRACKS, AND IDENTIFIES UAVS
- PRECISE WARNINGS AND TARGET INDICATIONS
- ROBUST DESIGN AND RELIABLE PERFORMANCE FOR DIVERSE ENVIROMENTS
- SUPPORTS OPERATORS WITH ACTIONABLE INTELLIGENCE TO RESPOND SWIFTLY TO DRONE THREATS
- AROUND THE CLOCK 24/7 OPERATION
- IDEAL FOR PROTECTING CRITICAL AREAS SUCH AS PRISONS, MILITARY BASES, AIRPORTS, BORDERS AND CRITICAL INFRASTRUCTURE

SPECIFICATIONS

RADAR	
OPERATING FREQUENCY	X band
WORKING SYSTEM	Azimuth Mechanical Scanning + Elevation Phase scanning
WORKING MODE	Pulse Doppler
PEAKPOWER	40W
DUTY CYCLE	15.80%
DETECTION RANGE (RADIUS)	Drone = Up to 2km Radius (System suitable for UAV detection)
COVERAGE	Azimuth = 360°, Vertical = 40°
DETECT SPEED RANGE	0.5m/s - 30m/s
ACCURACY SPEED	0.3m/s
DISTANCE ACCURACY	10m
AZIMUTH ACCURACY	0.8°
VERTICAL ACCURACY	1.0°
MINIMUM DETECTION DISTANCE	150m
DATA REFRESH RATE	0.2 Frame/s (Antenna Rotation 15rpm)
MAXIMUM DETECTION TARGET NUM.	200
TARGET TRAJECTORY	Motion Target Trajectory
POWER SUPPLY	AC200 - AC240
POWER CONSUMPTION	200W
DIMENSION	812 x 638 x 370mm / 31.9" x 25.1" x 14.5"
WEIGHT	Radar Panel: 20 kg / 44 lb PT: 9Kg / 19.8 lb Total: < 30Kg / 66.1 lb

INGRESS PROTECTION	IP65
COMMUNICATION INTERFACE	1x 100Mbps RJ45 Network interface
WORKING TEMPERATURE	-40°C to +55°C / -40°F to +131°F

Specifications subject to change. For the most up-to-date specifications, please visit starviewtech.net

