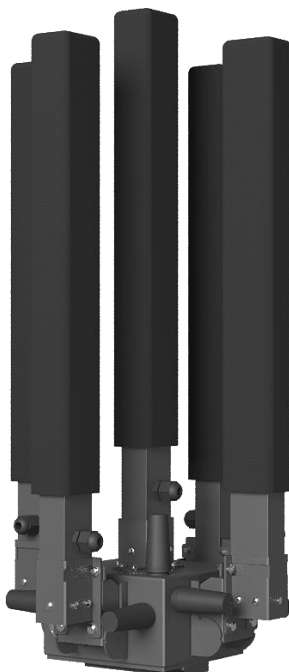




RU20X



Detection Performance

Max. detection range (typical consumer drone)	≥500 meters
Detection-to-classification time	≤2 seconds
Multi-target handling capability	Simultaneously track ≥5 targets
Azimuth accuracy	≤3°

Recognition Performance

Detection probability (Pd) under 65 dB(A) noise	≥95%
False alarm rate (FAR) per 24 hours	≤1 time
Drone type recognition accuracy	≥90%

System Performance

Continuous operation time	≥8h (battery) / Continuous (mains or PoE)
Data interfaces	Gigabit Ethernet, Wi-Fi (optional), 4G/5G (optional)
Protection rating	IP65
Operating temperature	-20°C to +50°C
Dimensions	1100 mm×1100 mm×570 mm
Weight	10 kg
Deployment	Tripod, vehicle-mounted, or pole-mounted
Typical power consumption per node	≤15 W