Remote ID Receiver Unit

Rantelon

DTS-RID



Advanced identification and tracking for compliant airspace management

FAA & EASA Compliant
Decodes all standard Remote ID protocols.

Integrated ADS-B
Simultaneously tracks manned aircraft and friendly UAVs.

Passive Detection
100% undetectable operation for covert monitoring.

PoE+ Powered
Simple integration via Power-over-Ethernet.

IP65 Field-Ready
Robust build for permanent outdoor or mobile use.

ATAK & C2 Ready
Real-time visualization on tactical maps and dashboards.

High-performance Remote ID and ADS-B receiver designed for persistent airspace surveillance.

Whether deployed as a permanent node on critical infrastructure or used as a mobile tactical unit, it provides the essential data needed to distinguish between authorized and unauthorized flight activity. By identifying drone serial numbers and pilot locations in real wo-time, the DTS-RID empowers responders with the actionable intelligence required for modern security and law enforcement.

- **Complete Aerial Awareness**
  Combines Remote ID data with ADS-B reception to provide a unified picture of both drones and manned aviation in your airspace.
- **Seamless C2 Integration**
  Acts as a networked node, feeding critical data directly into central command systems or personal tactical tablets via ATAK.
- **Sovereign Data Control**
  Allows security forces to build their own detection history and local threat databases without reliance on third-party cloud services.
- **Long-Range Identification**
  High-sensitivity receivers ensure that UAV identity and pilot location (when broadcast) are captured long before the drone reaches the perimeter.

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PARAMETER	SPECIFICATION
Protocols	FAA and EASA Remote ID, ADS-B Mode S
Power Input	12–48 VDC / 802.3at (PoE+)
Power Consumption	15 W
Connectivity	Ethernet (PoE) NE8FDY-C6-B
Dimensions	W 280 × H 200 × D 85 mm
Weight	5 kg
Environmental Rating	IP65

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