

BEN (TS500)

Stand-Off Airborne Explosive Trace Detection

BEN (TS500) is a UAV-mounted sensing payload that detects IEDs and explosive materials from a safe distance. By capturing airborne particles inside structures, BEN provides early threat intelligence, keeping tactical teams completely outside the danger zone.



Stand-Off Detection: Remotely scans indoor & subterranean areas while personnel remain at a safe distance



Trace-Level Sensitivity: Reliably identifies nano-gram level explosive traces



Wide-Area Screening: Area-based detection in urban & complex operational environments



UAV-Optimized Payload: Ultra-lightweight design for drone integration

Platform: _____ UAV-Mounted Payload
Detection Method: _____ Airborne Particle Sampling (ETD)
Response Time: _____ Near Real-Time (~30 seconds)
Sensitivity Threshold: _____ High-Sensitivity

Contact us to discuss your operational requirements & explore how Tracense can support your mission

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