

MyDefence Launches WideBand XF Antenna Shaped by Lessons from Ukraine

Aalborg, Denmark October 8th 2025 – MyDefence has today announced the launch of its WideBand eXtended Frequency (XF) Antenna, a powerful new tool enabling dismounted troops, counter-terrorism teams, border security personnel, and police forces to detect remotely controlled drones across the wide spectrum - a capability increasingly critical in both conflict zones and homeland security missions.

Why this capability is needed

The new antenna expands detection to cover frequencies from 200 MHz up to 6 GHz continuously. This development comes directly from operational lessons learned: with more than 2000 Wingman units already deployed in Ukraine, frontline soldiers have identified the urgent need to detect drones operating outside traditional commercial frequency bands, also called ISM bands. Adversaries are increasingly shifting to lower frequencies to evade detection and jamming, while also exploiting higher bands for video, command, control, and data links. The WideBand XF Antenna closes this gap, ensuring operators maintain full-spectrum vigilance.

Real-Time Spectrum Analyzer with ATAK Integration

Compact and ruggedized, the WideBand XF Antenna is purpose-built for field deployment. Fully compatible with the Wingman wearable drone detector, the XF Antenna integrates seamlessly with the Android Team Awareness Kit (ATAK). It delivers real-time alerts and a live tactical picture to operators. The system also functions as a spectrum analyzer.

The spectrum analyzer enables operators to visualize, identify, and track wireless signals across a wide frequency range, including those emitted by drones and other wireless-enabled equipment. This capability ensures enhanced situational awareness in contested environments.

“Our soldiers, and security forces in Ukraine, have made it clear: drones are no longer confined to predictable frequency bands” said Dan Hermansen, CEO at MyDefence. *“From our close collaboration with the frontline in among other Ukraine, we see WideBand XF Antenna as a natural next step. It gives those same frontline operators the expanded spectrum coverage they asked for and the assurance that they can stay one step ahead of enemy tactics.”*

About MyDefence

MyDefence specializes C-UAS solutions engineered for complex radio-frequency environments. Its technologies are fielded globally by armed forces and security agencies. **For further information, please contact:** Tina Buhelt, Head of Branding and Marketing
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