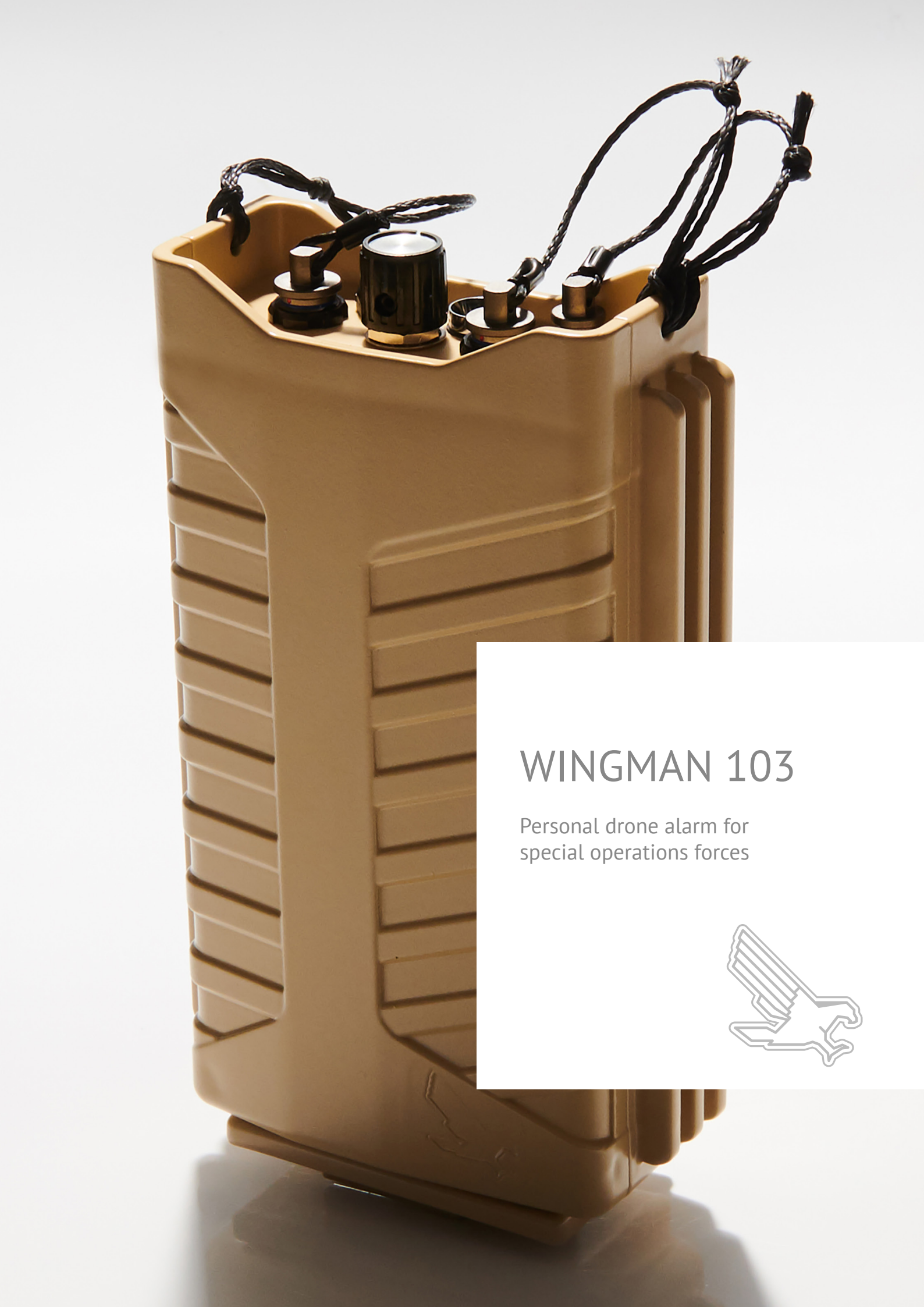
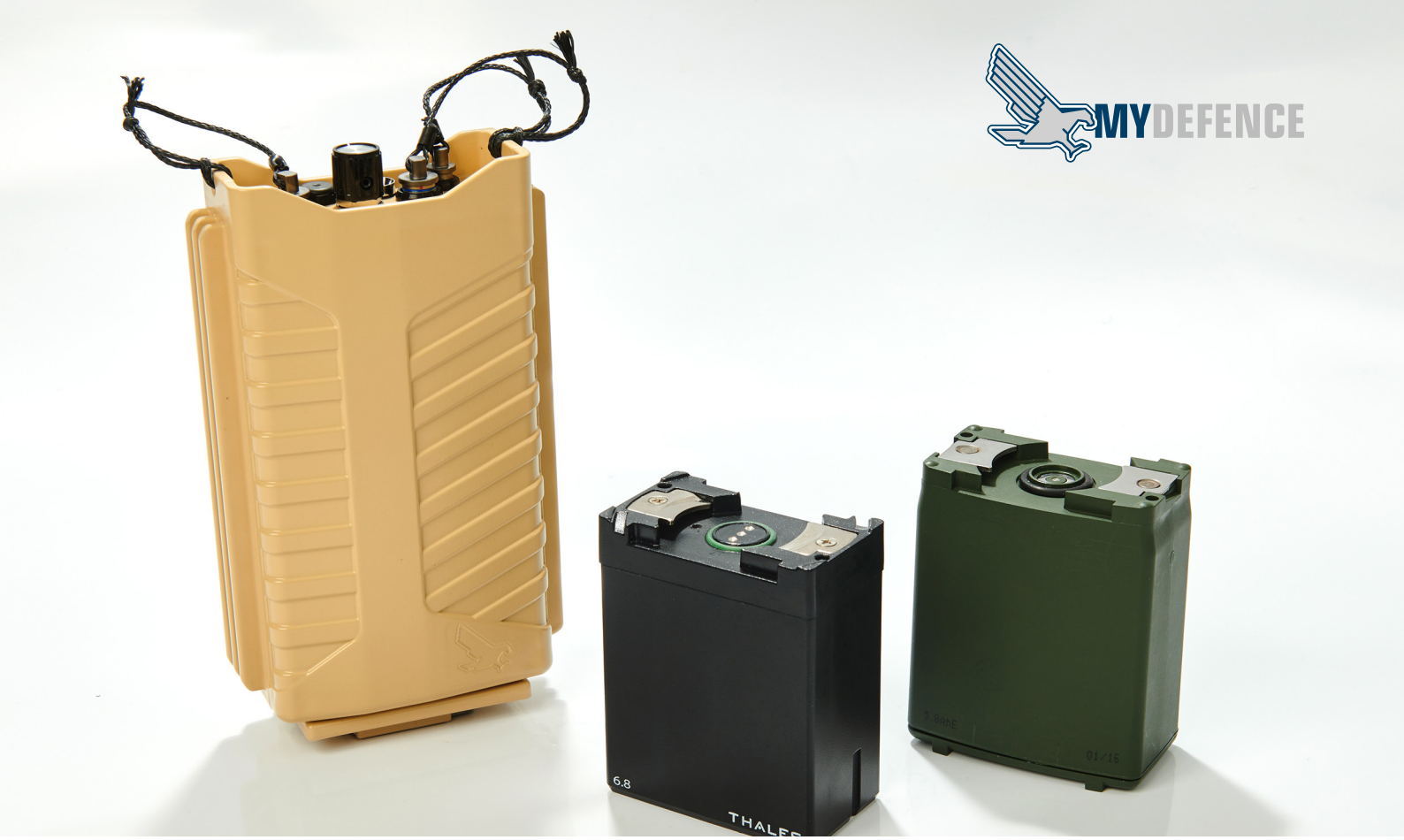


WINGMAN 103

Personal drone alarm for
special operations forces



WINGMAN 103

A wearable personal drone alarm, capable of detecting remote controlled commercially available drones (UAV, UAS, RPAS, etc.) at long ranges - and often before the drone takes off.

The WINGMAN 103 is the flagship of the WINGMAN-series of wearable, intuitive drone detection systems. It is a ruggedized version designed for the requirements of special operations forces with the capability to withstand extreme temperatures from -30°C to +65°C with a minimum of 14 hours operational battery life using standard external clip-on batteries (AN/PRC 148-152), making it the most versatile and durable WINGMAN yet.

Our constant focus on reducing SWaP (Size, Weight and Power consumption), the WINGMAN 103 is developed to be the toughest, smallest, lightest, and most power-efficient wearable drone detection and alarm system available on the market at a cost-effective price.

Technical features	WM 103
Weight	735 gram
Dimensions (D x W x H)	42 x 96 x 166 mm (1.65 x 3.78 x 6.54 inch)
IP rating	IP67
Operating temperatures	-30°C to +65°C
Battery capacity	<14 hours
External battery	AN/PRC-148 and AN/PRC-152
Internal antenna	2.4 & 5.8GHz ISM Band
Detection time	<5 sec for known targets
Detection range	1 km line of sight
Color	Black/Desert/Custom
Included accessories	• Jack-compatible headset • Molle System • Custom Peli case
Optional accessories	• External Active Antenna AA100 • Sparrow 100/101 • Firmware Upgrade Tool • NWP Cable Kit

Capability

The WINGMAN 103 is a true wearable sensor for drone detection that can be carried on the torso or on the outside of your clothes to optimize performance (e.g. vest or backpack straps) using the MOLLE straps. Its low weight and small form factor allows each soldier to carry a personal WINGMAN, if demands require it.

The WINGMAN 103 works directly out of the box and is very easy to operate. It is designed to function autonomously, and the internal antennas cover the 2.4GHz and 5.8GHz ISM band and is directional. An external active antenna (AA100) can be added to provide 360o coverage, which can increase the frequency range and cover four different frequency bands (433Mhz, 1.2Ghz, 2.4GHz and 5.8GHz) allowing for greater threat detection of enemy drones.
The WINGMAN 103 continuously scans and searches for UAS control and video signals and acts as an early-warning detector of commercial drones. The continuous scanning function makes it capable of detecting the drone control signal and/or video downlink signal - often before the drone takes off from the ground.

The impressive performance packed in a small and lightweight form factor makes it the only truly wearable drone detection device on the counter UAS market, designed to meet the requirements of special operations forces.

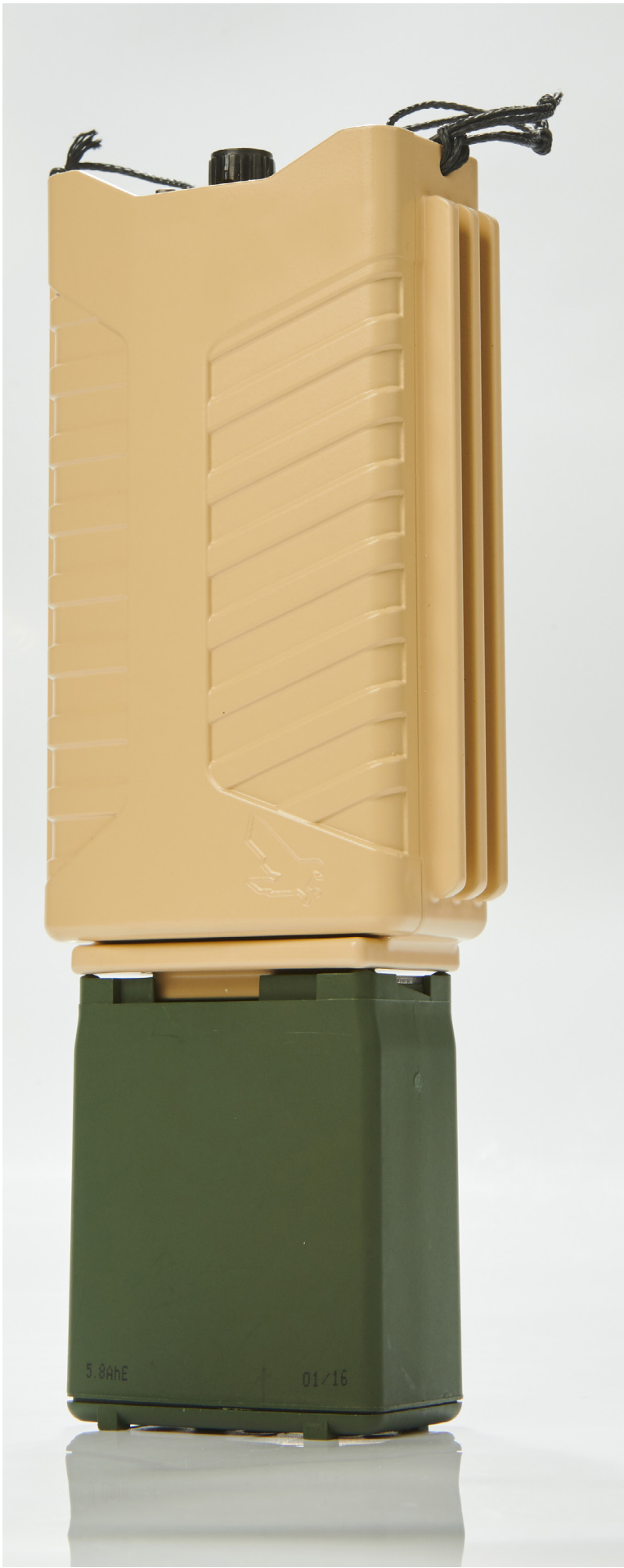
Features developed with the end user

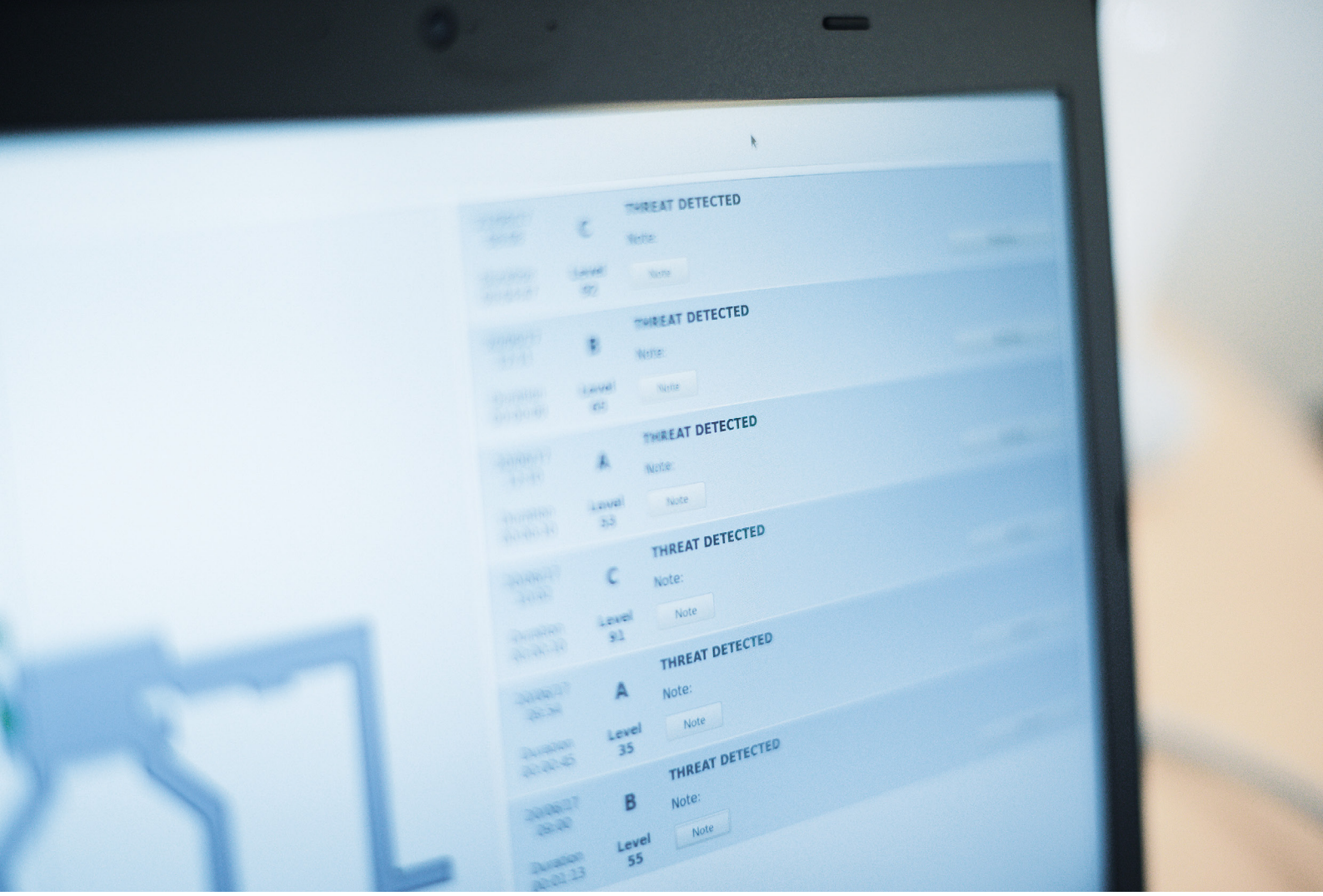
The WINGMAN 103 is an all-weather device that can withstand extreme weather conditions. The device is IP67 rated and waterproof with its cover-caps that protect the unused connectors. When a drone is detected, alarms are indicated to the operator with sound, vibration and/or visually with a bright LED. Continuous updates are provided to the drone database with new search filters in order to provide users with the latest technology at all times.

Extended range detection for special missions is available upon request. MyDefence has developed high performance omni-directional antennas to cater to the needs of the most demanding users.

Contact MyDefence

E-mail: sales@mydefence.dk / sales@mydefence.us
Phone: +45 70 251 252 / +1 877.228.3611





MYDEFENCE

Business development, sales and marketing

Danstrupvej 27 L, 1 st floor
3480 Fredensborg
Denmark

E-mail: sales@mydefence.dk
Phone: +45 70 251 252
Web: www.mydefence.dk

Research & development and technical support

Sundholmen 25
9400 Nr. Sundby
Denmark

E-mail: Support@mydefence.dk

MyDefence North America, business development and sales

92 Cornerstone drive suite 218
Cary, NC27519
USA

E-mail: sales@mydefence.us
Phone: +1 877.228.3611