DOBERMANN DUAL

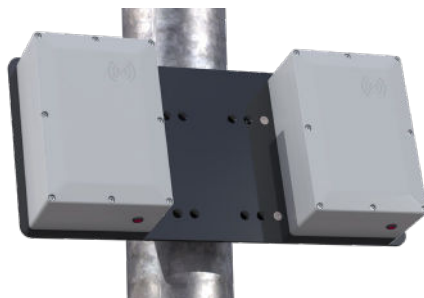# NET-WORKED COUNTER UAS JAMMER

MDC-000197-4

MYDEFENCE

DOBERMANN DUAL

DOBERMANN Dual is a net-worked Counter UAS jammer that can protect against drone threats by actively disrupting the control signal between the drone and its operator DOBERMANN Dual, however, is not your typical jammer and is packed with next-generation features that will make it stand out, including its scalability, jamming methods and autonomous mode.

The DOBERMANN Dual is designed to give Dual-band protection. With a collaborative jamming approach, the DOBERMANN Dual provides jamming on dual frequency bands, minimizing the risk of frequency hopping drones.

Autonomous jamming
The DOBERMANN Counter UAS jammer can either function in manual mode, allowing the operator to decide when to actively engage a drone threat, or it may be instantly configured to autonomous mode, which allows the jammer to actively engage drones when detected. the DOBERMANN combined with the WATCHDOG or WOLFPACK drone detector, which will passively detect drones in the vicinity of the protected area, and once a drone is detected, the networked DOBERMANN will automatically start jamming the drone's control signal.

Collaborative jamming
While most jammers work independently, DOBERMANN Dual is built for collaborative jamming. Each jammer is radiating with low power, but in collaboration mode they will have a high power effect in the target area, allowing effective defeat of drone threats. Hence the total collateral damage to the surroundings will be minimal while the effectiveness on target is optimized.

Smart jamming
Utilizing a next-generation jamming method, the DOBERMANN is able to perform smart jamming, where only a fraction of the spectrum is being jammed, as opposed to jamming larger parts of the spectrum. There are many benefits of smart jamming, including the ability to jam drones at a safe distance, with only a few Watt output power.

The DOBERMANN Counter UAS jammer can be operated from MyDefence Iris or integrated into existing C2 systems through MyDefence Argos.

PARAMETER	SPECIFICATION
Weight	3,5 kg
Dimensions (DxWxH)	420 x 170 x 95 mm
Frequency bands	**DM120** – 2.4 GHz, 5.2 GHz, 5.8 GHz **DM121** – 2.4 GHz, 5.2 GHz, 5.8 GHz and 1.6 GHz (GNSS)
Coverage angle (Horizontal)	90^0
Coverage angle (Vertical)	90^0
IP rating	IP65
Power supply	2 x POE+ (Power over Ethernet)
Power consumption	50W
Operating temperature	-30 to 65
Color	Black/Gray

CONTACT MYDEFENCE

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

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