

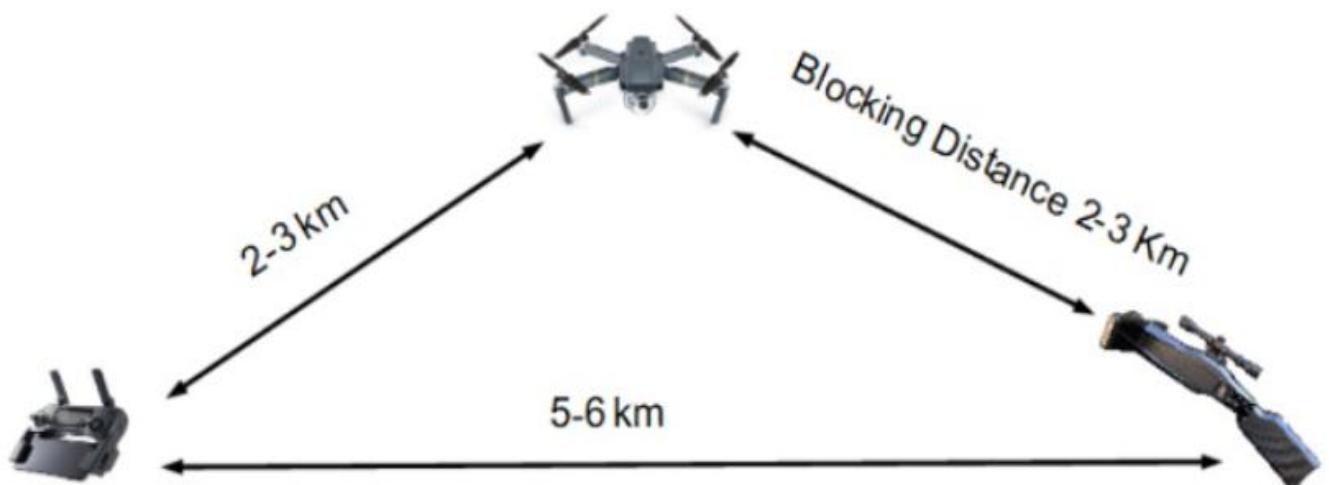
**PORTABLE COUNTER UNMANNED AERIAL  
VEHICLE (C-UAV) SYSTEM**

**IHAMAX**

**HANDHELD/BACKPACK JAMMER**



**160 W- IHAMAX PORTABLE COUNTER UNMANNED AERIEL VEHICLE (C-UAV) SYSTEM**



**ULUSAL SAVUNMA**

**TURKIYE**

## TECHNICAL SPECIFICATION

**IHAMAX**

<b>Equipment</b>	Portable Counter Unmanned Aerial Vehicle (C-UAV) System
<b>Type</b>	Handheld/Backpack Jammer
<b>Make</b>	Ulusal Savunma
<b>Model</b>	IHAMAX
<b>Origin</b>	TURKIYE
<b>Type of Jamming</b>	Type of Jamming ISM / GNSS
<b>Jamming Bands</b>	Jamming Bands : 1.5 – 2.4 – 5.8 GHz (All frequency bands used by different commercial and military UAV's included)
<b>Jamming Range</b>	
<b>Directional Coverage range</b>	1-3 km
<b>Angle of Coverage</b>	Vertical and horizontal : 10° (Degree). Jamming coverage 10° on either sides from the direction of jamming.
<b>Jamming frequency range</b>	Jamming Frequency range of all the frequency bands (ISM and GNSS) : 1550-1630MHz, 2380-2500MHz, 5720-5880MHz
<b>Jammer Mode of Operation</b>	Frequency Selective
<b>Ability to defeat drone swarm attack</b>	Any number of all drones coming from the same direction are blocked at a time.
<b>Jamming outcome</b>	Controlled landing in its current position. Drone falls uncontrolled on ground. Drone flies off in a random direction. Drone returns to user set home location. Minimum power output : 160 watt. Power output for each band separately : 5.8 GHz - 100w, 2.4 GHz - 50w, 1.5 GHz - 10w.
<b>Antenna</b>	
<b>Antenna type</b>	High gain Directional Antenna
<b>Number of Antenna</b>	3
<b>Antenna Gain</b>	35-45 DBm
<b>Antenna Beam Width</b>	Directional 20°
<b>Battery type and capacity</b>	16.8V, 10A Li-Ion Rechargeable and Changeable battery. Voltage and AH enough to run the system for minimum 01 hour. Battery charging time : 4 hours.
<b>Continous operation/ Endurance time</b>	01 hour
<b>Power input</b>	220 V /50 Hz
<b>Aiming Sight type</b>	5 Moa Red Dot
<b>Magnification</b>	1x
<b>Built in Display</b>	Available.
<b>Dimension / Product size</b>	L: 750 mm x W:180 mm x H: 70 mm
<b>Weight</b>	Total weight Drone Gun include battery: 4.5kg
<b>Colour</b>	Black
<b>Environmental Standards</b>	
<b>Operational Temperature</b>	-05°C to +55 °C
<b>Humidity</b>	95% Humidity
<b>Capability</b>	
Able to operate under extreme weather conditions eg. Heat, rain, fog, sand, snow etc.	
Man portable	
Able to engage both commercial and military variant drones	
Capable of neutralizing /dropping/deterring/ destroying drone from minimum 2 km distance.	
Capable of proactive and reactive jamming as per requirement while encountering threat.	

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