

What is Warmate?

August 31, 2023 • vajiramandravi.com



About Warmate

- It is a **micro loitering munition developed by Polish company WB Electronics.**
- It is a **combat mini UAV** that provides a **highly targeted strike capability.**
- It is a **multi-role system performing multiple tasks** depending on the type of head installed.
- **Features:**
 - It has a **take-off weight of 4kg.**
 - **Speed and Range:** It can fly at a maximum velocity of **150km/h** and can **operate over a line of sight (LOS) range of 10km.**
 - **Endurance:** It has the ability to stay in the air for **up to 30 minutes.**
 - **Altitude:**
 - Its **maximum flying altitudes are 500m above ground level (AGL) and 3,000m above mean sea level (AMSL).**

- The **operating altitudes** of the UAV **vary from 30m to 200m above the ground level (AGL).**
- It can be **operated from military vehicle platforms** such as infantry or armoured personnel carriers.
- It **can carry a variety of warheads**, including high-explosive, anti-tank, and thermobaric.
- It is **equipped with a variety of sensors, including a day/night camera and a laser target designator.**

What is a Loitering Munition?

- It is an **unmanned aerial vehicle that is designed to self-destruct after serving its purpose.**
- The **name “loitering” derives from a defining characteristic: the ability to “loiter” in the air for an extended period of time before striking**, giving the targeter time to decide when and what to strike.

Q1) What is an unmanned aerial vehicle (UAV)?

An Unmanned Aerial Vehicle (UAV), commonly known as a drone, is an aircraft that operates without a human pilot on board. UAVs are remotely controlled or autonomously programmed to perform various tasks, including surveillance, data collection, aerial photography, reconnaissance, and even delivery.

Source: [First Visuals Of Indian Army's Polish Warmate Suicide Drones During Trials In Ladakh](#)

Source: <https://vajiramandravi.com/current-affairs/what-is-warmate/>

© Vajiram & Ravi. For personal use only.