

DDS-3 COMBAT UAV

DRAGONFLY-3



DESCRIPTION

The DDS-3 is a tactical, long-range loitering munition with advanced strike and reconnaissance capabilities. Designed for dual-purpose missions, it integrates precision attack and reconnaissance roles for operational versatility. It has a warhead optimized for kamikaze-style strikes, an autonomous/remote-controlled navigation system, and advanced electro-optical sensors that perform effectively even in low-light conditions. The DDS-3 frame, developed with aerospace-grade radio-transparent composite materials, low radar cross-section (RCS), and reduced acoustic signature, gives it an advantage in evading radar detection.

The DDS-3 is specifically designed to engage ground-based equipment and other key targets at the front and behind enemy lines, delivering effective strikes in complex operational scenarios. The communication systems are equipped with robust defenses against radio-electronic warfare, ensuring secure and reliable communication in contested environments. The navigation and control systems support autonomous operations as well as remote control. Thus, it makes this UAS good for counteracting electronic warfare (EW) and anti-aircraft defense systems.

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DDSS-3



PARAMETERS

Wingspan:	3,000 mm
Max loaded weight:	45 kg
Max payload:	10 kg
Engine type:	Gasoline
Flight endurance:	Up to 150 min
Cruise speed:	33 m/s
Flight distance:	200 km
Operational range:	50 km
Max flight altitude:	4,000 m ASL
Accuracy:	5 m*
Take off type:	Solid rocket booster
Compatible warhead:	WH-10

EQUIPMENT

UAV:	10 items
Ground control station:	1 item
Launch system:	10 items
Manufacturing capacity:	600 items per year

**by operator designation*



OPERATIONAL ROLE

Capable of targeting ground assets, armored vehicles, and radar installations, effective for suppression of enemy air defenses (SEAD).

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