



A joint venture between **CYIENT** &  **BlueBird**
Aero Systems

The MicroB System

For increased portability and
accurate intelligence gathering



Overview

The MicroB is a micro UAS that offers features comparable to a mini UAV, while maintaining its extremely competitive and affordable price tag. The MicroB has fully autonomous operations and is easy to use and maintain. It is equipped with stabilized payloads and can be quickly launched from its hand-held pneumatic launcher even in a crowded urban environment or through a window, to capture high-quality videos with GIS information.

The MicroB is integrated with a combat-proven avionics suite, electric brushless motor, rechargeable battery, and proprietary payloads. These unique attributes make it an ideal resource for effective ISR (Intelligence, Surveillance, and Reconnaissance) missions.

MicroB UAV System Specifications and Highlights

Features	Description
Maximum takeoff weight	2.2 kg
Wing span	170 cm
Length	102 cm
Power plant	Electric brushless motor, rechargeable battery
Payload capacity	Up to 300 gm
Payload	Single or dual sensor (CCD/HD, uncooled IR), gimballed, and stabilized surveillance payloads
Control range	Up to 10 km
Endurance	Up to 2 hours
Communication links	The system has a secondary, redundant link, supporting mission continuation under COMJAM environment
Mission continuity in GPS-denied environment	Optional multi-layer protection against GPS jamming for mission continuity even in GPS-denied environments
Covert operation	Low acoustic, thermal, and visual signatures

About Cyient Solutions & Systems

Cyient Solutions & Systems is a joint venture between Cyient and Israel-based BlueBird Aero Systems that provides UAS-based intelligence gathering, surveillance, target acquisition, and reconnaissance capabilities for defence and civilian applications. CSS leverages Cyient's engineering and manufacturing capabilities and BlueBird's globally-proven UAS technology to offer a range of solutions, carefully crafted to address the diverse needs of Indian defence, paramilitary, homeland security, and civilian users.

www.cyientsolutionsandsystems.com

Contact Us

Plot No. 2, IT Park,
Nanakramguda,
Gachibowli,
Hyderabad - 500 032
Telangana, India

T +91 40 6748 9100

CSS_FL_MCB_OV_0219

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