



OM UAV Systems



PUSHPAK Hexacopter



Curiosity Quad copter UAV



Guardian Civilian UAV

Our other products...



BaaZ Mini UAV



Curiosity Plus Quad copter UAV

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PUSHPAK Hexacopter

Om UAV Systems has launched Hex Copter, specially for Civilian applications like Flower dropping, Aerial Photography etc The Hexacopter can be customized to take and activate desired payload (up to 1000 gms). The product comes without auto-navigation but has sophisticated gyro stabilization and Altitude Hold functions that make it extremely reliable and useful. The ground control station is very simple with intuitive controls.

Dimensions

Diameter	: 81 cm (foldable)
Height	: 32 cm
Empty Flying Weight	: 4800 Grams
Gross Take off weight	: 5800 Grams
Material	: Carbon Fiber and CNC aluminum alloy
Propeller	: 15 inches
Battery	: 6S Li-Po, 9000 mAh

Flying Characteristics

Endurance	: 20 min.
Range	: Line of Sight (Max 1.5 Km)
Horizontal Speed	: 25 Km/Hr
Hovering Accuracy	: 2 Meters
Payload	: 1000 Grams (Flower Dropping or Camera)

Control System

- Can Fly in manual Mode in X,Y,Z dimensions
- Can be switched to Alt_Hold Mode (will hold height via onboard control system)
- Can be switched to Loiter Mode at any stage (will hold height and position via onboard control)
- No Auto Navigation

Battery Charger

- Microprocessor Based Li-Po battery charger with voltage balancer.
- Input : 12V DC or 220V AC

Options

- Gyro Stabilized Camera Gimbal for canon type camera

Recommended Spares

- Propellers
- Battery
- Charger
- Motor

Training

- Training Required for 16 Hrs spread over Two weeks on paid basis.
- All spare parts available ex Delhi

