USE CASE · MQ-750 MKIII

Surveillance quadcopter for police and CAPF

A checkpoint, a cordon or a procession is hard to read from the ground. A quadcopter takes off vertically from where the team stands and puts a camera above the scene in minutes. The questions for a buyer are how long it stays up, how far it reaches and what it carries.

IN SHORT

- A surveillance quadcopter takes off vertically from almost anywhere and gives a police or CAPF team a camera above a checkpoint, cordon or crowd.
- The Star INXS MQ-750 MKIII flies for 60 minutes, reaches 10 km and carries up to 4 kg of payload; it is the longest-flying of the MQ multicopters.
- Other models fit other jobs: the MQ-650 MKI is rated above 5,000 m, the MQ-JR has an AES-256 encrypted link and a night-vision camera, and the SAP Series weighs 1 kg empty.
- A battery quadcopter flies for 35 to 60 minutes depending on the model, so plan spare batteries for a long task; flying in India follows DGCA rules and local permissions.



THE FIGURES THAT MATTER

FIGURE	WHY IT MATTERS	MQ-750 MKIII
Endurance	How long the camera stays above the scene	60 min
Range	How far from the launch point it can work	10 km
Payload	Which cameras and sensors it can carry	Up to 4 kg
Type	Where it can take off and land	Quadcopter, vertical take-off

HOW IT IS USED

1. **Check permissions.** Flying in India follows the DGCA rules and local permissions, and forces also follow their own regulations. Obtain what the area requires before flying.
2. **Pick the launch point.** Choose a clear spot near the team with a line of sight to the area to be watched.
3. **Launch.** The quadcopter takes off vertically and climbs to its working position.
4. **Watch and report.** The operator holds the camera on the checkpoint, cordon or crowd and passes what is seen to the commander.
5. **Swap and relaunch.** A flight lasts up to 60 minutes, so land, change the battery and relaunch for a longer task.

COMMON QUESTIONS

Who makes the MQ-750 MKIII?
Star INXS Solutions Pvt Ltd. The MQ-750 MKIII is designed and built in India.

How do we buy a surveillance quadcopter for a police or CAPF unit?
You can buy through GeM, an open or limited tender, a defence portal or a direct purchase order. Our Tender & GeM desk shares OEM authorisations, technical compliance statements and bid documents for your requirement.

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