PG-400 Propeller Guard



1. Project Overview

We supply PG-400 as a propeller guard for DJI Matrice 400. It provides physical guarding around the propellers for building inspection, urban surveys and fire-and-rescue inspection support. Its design is compatible with the aircraft's native obstacle-avoidance system. The guard uses carbon-fiber connecting members, a four-bar support structure and a Picatinny-rail quick-release mount.



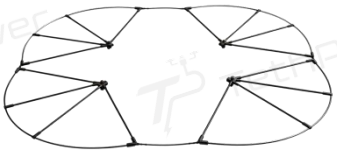
Product Parameters

1	Product model	PG-400
2	Weight per guard	720 g per guard
3	Dimensions per guard	90 × 56 × 4 cm per guard (length × width × height)
4	Protection type	Physical propeller guarding
5	Connecting members	Carbon fiber (high-carbon composite) Four-bar support structure
6	Mounting method	Quick-release mounting
7	Quick-release interface	Picatinny rail
8	Obstacle avoidance	DJI native obstacle-avoidance system

PG-400 Product Images







Applications

PG-400 is intended for inspection work with DJI Matrice 400. The weight is 720 g per guard. Aircraft shown are installation references; confirm the quantity of guards in your quotation.

Fire and rescue: physical propeller guarding for inspection and reconnaissance support.

Urban and building inspection: physical guarding for work around facades and structures, with operating clearances assessed for the aircraft and site.

Building maintenance: discuss the guard mounting alongside your inspection or cleaning payload. Aircraft compatibility alone does not establish a combined installation.

Inspection planning: confirm the complete installed weight, interfaces and operating space before using the equipment.

Physical guarding does not replace obstacle avoidance or operating clearances.