MEDIUM-FORMAT MAPPING & INSPECTION PAYLOAD

Phase One P3

The Phase One P3 combines a medium-format sensor 1.7× larger than standard cameras with interchangeable lenses, 3-axis gimbal stabilisation, and laser rangefinding — delivering survey-grade detail and dynamic range from a single configurable payload.

MEDIUM-FORMAT MAPPING CAMERA



Phase One P3

120MP · Smart Focus · 35–150mm Lenses · GSD 0.58mm

AVAILABLE NOW FROM D2 RENTALS — FUNCTION-CHECKED, COMPLETE, FIELD-READY.

CAPABILITIES & APPLICATIONS

Largest sensor. Finest detail. Flexible coverage from a single platform.

Sensor Capabilities

Medium-Format · 120MP · Multi-Lens · Smart Capture

- Phase One iXM sensor — 120MP or 100MP; 1.7× larger than standard cameras for higher dynamic range and geometric accuracy
- Interchangeable lenses — 35mm, 80mm, 80mm AF, 150mm AF; GSD from 2.4mm (804 m^2 coverage) to 0.58mm (47 m^2)
- Smart focus with built-in LRF (~90m range) — reliable autofocus in high-contrast conditions
- Smart triggering — distance-measured auto-capture for sharp frames at speed
- 3-axis gimbal — pitch and yaw control, vertical or horizontal orientation
- DJI M300/M350/M400 and MAVLink/Auterion compatible — DJI Pilot, QGC, or Phase One toolbox

Applications

Built for mapping and detailed inspection professionals

- Power line and transmission corridor surveys — ultra-fine GSD from safe standoff
- High-voltage infrastructure — substations and switchyards mapped at survey grade
- Utility corridor mapping — large-area coverage with selectable lens options
- Telecoms tower and mast inspection — sharp facade capture at variable standoff
- Industrial plant inspection — complex sites with mid-campaign lens flexibility
- Heritage and architectural recording — facade documentation for restoration and volumetric analysis

RENTAL BENEFITS

Hiring this payload is more cost-effective than an outright purchase — and lets you access the technology only when you need it.

WHAT DO I NEED TO BOOK A RENTAL?

Provide us with some key documents — then enjoy your hire.

01

Insurance

Insure your rental under a Hired-in (non-owned) equipment cover policy — to the full cost value of the equipment and for the duration of your hire period.

02

Proof of ID

Submit a copy of your passport or driving licence, plus a utility, bank, or council tax statement that matches your name and delivery address.

03

Flyer ID

You need a valid Flyer ID and Operator ID. We don't require proof of drone registration or training (A2 CofC / GVC).

READY WHEN YOU ARE

Available now from D2 Rentals — function-checked, complete, and field-ready.