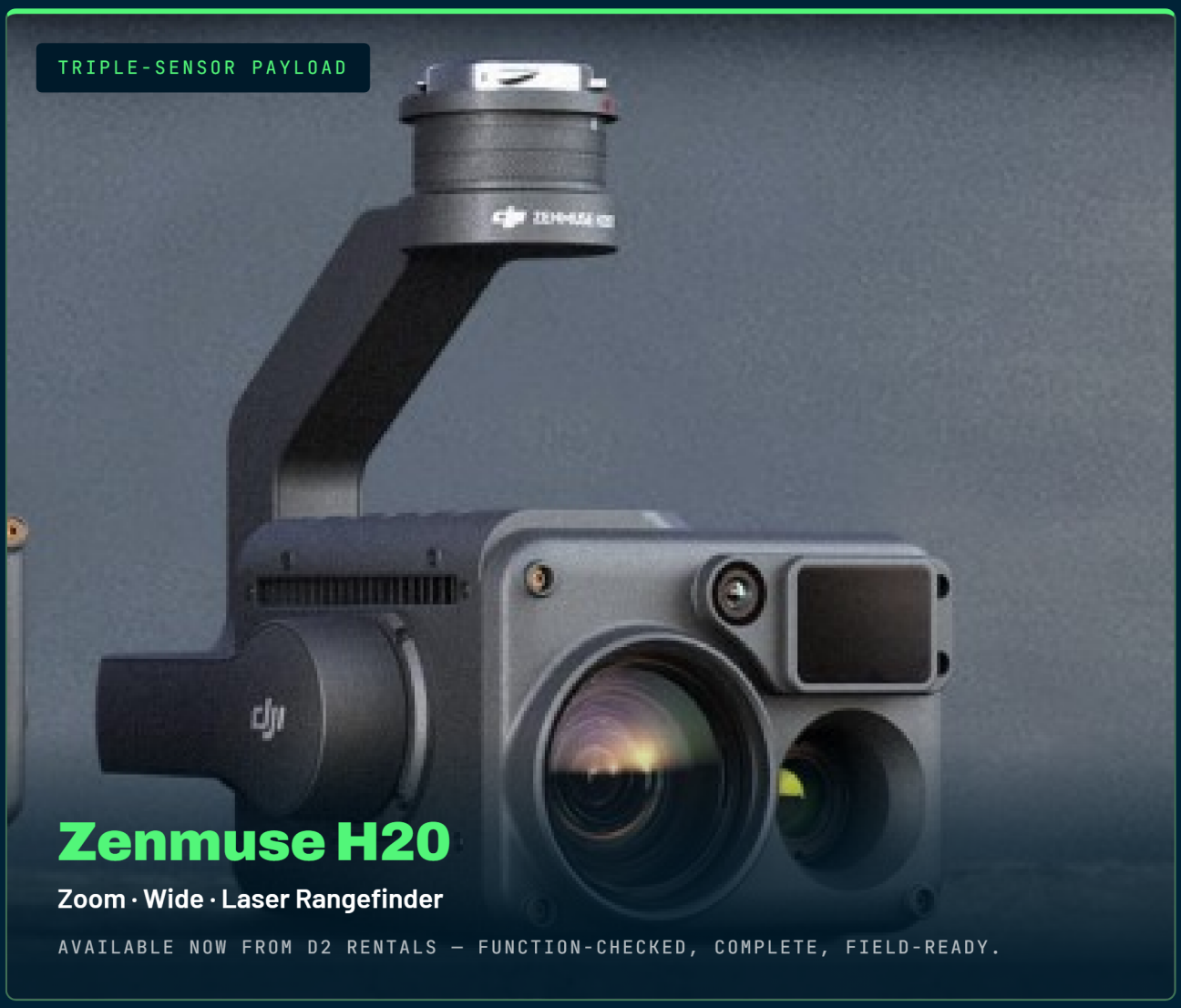
TRIPLE-SENSOR PAYLOAD & CAPABILITIES

Zenmuse H20 triple-sensor payload

The Zenmuse H20 combines a 23× hybrid optical zoom camera, wide-angle camera, and laser rangefinder in a single stabilised gimbal — everyday visual inspection capability without the cost of a thermal sensor.



CAPABILITIES & APPLICATIONS

Three sensors. One gimbal. Visual inspection without the thermal price tag.

Sensor Capabilities

Zoom · Wide · Laser

- 20MP zoom camera with 1/1.7-inch CMOS sensor — 23× hybrid optical zoom and 200× max zoom for standoff detail capture
- 12MP wide-angle camera with 1/2.3-inch CMOS sensor and 82.9° DFOV — 24mm equivalent situational view
- 4K video at 30fps from both wide and zoom cameras
- Laser rangefinder with 1,200m maximum range — accurate to ±(0.2m + D×0.15%)
- AI Spot-Check automates repeatable inspection routines for consistent data capture across flights
- SmartTrack automated object tracking with auto-zoom
- PinPoint captures real-time coordinates of marked targets; High-Res Grid Photo combines a wide-area shot with stitched zoom detail
- One-tap switching between wide, zoom, and rangefinder views
- Compatible with DJI M350 RTK and M300 RTK — DJI SkyPort quick-mount
- IP44 rated — operates from -20°C to 50°C

Applications

Built for visual inspection professionals

- Industrial and infrastructure inspection — high-detail visual capture of pipes, tanks, and structural assets
- Power line and substation surveys — conductor and fitting detail from safe standoff
- Wind turbine blade inspection — full blade coverage without close approach
- Telecoms tower and mast inspection — read fittings and connections at height
- Roof and building envelope surveys — condition documentation without scaffold or MEWP
- Construction progress documentation — repeatable, geo-tagged records
- Site security and overwatch — long-range zoom observation
- Search and rescue — wide-area scanning with rapid zoom-to-detail
- Asset condition records — geo-referenced imagery for maintenance planning

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.

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