ZOOM INSPECTION PAYLOAD & CAPABILITIES

Zenmuse Z30 zoom inspection payload

The Zenmuse Z30 delivers 30× optical zoom and up to 180× total magnification from a single stabilised gimbal — letting operators inspect distant assets in detail while keeping the aircraft at a safe standoff.

LONG-RANGE ZOOM PAYLOAD



Zenmuse Z30

Zoom · 30× Optical · 180× Total · TapZoom

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

CAPABILITIES & APPLICATIONS

One lens. Maximum reach. Detailed inspection at a safe distance.

Sensor Capabilities

Zoom · Optical · Stabilised · Inspection

- 30× optical zoom with 6× additional digital zoom — up to 180× total magnification for distant detail
- TapZoom lets the operator tap a point of interest on screen and the camera automatically adjusts focal length to enlarge it
- 0.01° gimbal stabilisation for steady, precise framing at high zoom levels
- Captures stills and video in MOV, MP4, and JPEG formats
- Maintains aircraft standoff during inspection — reducing collision risk near structures
- Compatible with the DJI Matrice 300 RTK as a single downward gimbal (also supported on legacy Matrice 200 series and Matrice 600)
- Quick-mount DJI gimbal — fast to fit and fly on a compatible Matrice airframe

Applications

Built for inspection professionals

- Power line and pylon inspection — examine conductors and fittings from a safe distance
- Wind turbine inspection — detailed blade and nacelle survey without close approach
- Telecoms tower and mast inspection — read fittings and connections at height
- Industrial and offshore asset inspection — close-up detail on hard-to-reach structures
- Bridge and civil infrastructure surveys — inspect spans and supports from standoff
- Site security and surveillance — long-range observation of wide or sensitive areas
- Search and situational awareness — detailed observation of distant subjects
- Stockpile and site overview — wide-area monitoring with zoom-in detail on demand

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.