

DRONE PLATFORM · COMMERCIAL

Hera 1-4-30



Backpack portability, four-payload capability, 30-lb lift power, and multi-link resilience — one mission-ready drone platform.

1

BACKPACK

4

PAYLOADS

30 lb

LIFT POWER

SERIES

RtR · DS-1

EDITION

2026 · Q2

REAL-TIME · ROBOTICS

1 backpack

4 payloads · 30-lb lift

Hera enables inspection, mapping, emergency response, and industrial teams to carry complementary sensors or tools together, deploy quickly in difficult terrain, and capture more data with fewer flights.



INSPECTION

MAPPING

EMERGENCY RESPONSE

AGRICULTURE

SECURITY

PUBLIC SAFETY

KEY CAPABILITIES

Six pillars, one mission-ready system.

01

Backpack Portability

Compact enough to fit into one backpack, enabling fast deployment by small field teams in remote, urban, industrial, or difficult-to-access sites.

02

Four-Payload Capability

Spacious enough to carry four payloads simultaneously, allowing one flight to collect multiple types of data or perform multiple field tasks.

03

30-lb Heavy-Lift Power

Powerful enough to lift up to 30 lbs — advanced sensors, multi-camera systems, lights, speakers, drop systems, or specialized industrial payloads.

04

Multi-Link Resilience

RF-agnostic, with built-in cellular, Starlink readiness, fiber-optic readiness, and tether readiness for reliable operations across diverse environments.

05

Universal Payload Flexibility

Universal one-click quick release lets operators swap and operate different payloads for inspection, mapping, emergency response, agriculture, security, or public safety.

06

Ruggedness & Compliance

Built for demanding field use — operation from -25°C to 45°C , IP54 protection, and NDAA compliance.

SPECIFICATIONS & DIFFERENTIATORS

At a glance.

<p>FORM FACTOR</p> <p>Backpack-portable airframe with universal one-click quick-release payload mounts.</p>	<p>PAYLOAD CAPACITY</p> <p>Up to 30 lbs · Four payloads simultaneously (3 EO/IR pods + drop system / spotlight / loudspeaker).</p>
<p>CONNECTIVITY</p> <p>RF-agnostic · Built-in Cellular · Starlink-ready · Fiber-optic-ready · Tether-ready.</p>	<p>ENVIRONMENT</p> <p>Operation -25°C to 45°C · IP54 protection.</p>
<p>COMPLIANCE</p> <p>NDAA-compliant components and supply chain.</p>	<p>MISSION PROFILES</p> <p>Inspection · Mapping · Emergency response · Agriculture · Security · Public safety.</p>

DIAGRAM · SCHEMATIC

- DROP TECHNICAL ILLUSTRATION -

Spec a deployment for Hera 1-4-30.

Talk to engineering →