



# Drone Delivery Solutions

# EIGER

Our flagship, long-range delivery drone – designed for logistics, the Eiger is perfect for daytime or nighttime operations and can power through winds of up to 15 m/s (54 km/h).



**100 km**

Max Range



**3 kg**

Max Payload Weight



**Parachute +  
Independent  
Flight  
Termination  
System**



**104 km/h**

Cruise Speed



**15 L**

Payload Volume



# Ensuring Safety



## Precision Landing

Camera and GPS signal fusion for cm precision



## Live Video Streaming

Dual front and bottom camera feeds



## Redundant C2 Link

Dual LTE, satellite and radio link comms



## Detect and Avoid

Cooperative traffic detection with automatic avoidance manoeuvres



## Parachute

Automatic and manual deployment capabilities (M2 Medium)



## Smart Navigation

Enhanced containment design verified by EASA

RigiTech offers enhanced safety tools and features that ease the risk assessment process and enable BVLOS operations around the world.



# Enabling Teams

## Regulatory Support

Empower your operating teams with our comprehensive support services. Partner with our expert in-house team to effectively plan your Beyond Visual Line of Sight (BVLOS) routes. At RigiTech, we guide you through the entire Specific Operations Risk Assessment (SORA) process, ensuring your operations meet regulatory standards and are ready for approval.

Our team understands the unique needs of your BVLOS operations, offering tailored assessments and strategic planning for optimal efficiency and safety. Navigate the complex regulatory landscape with confidence, supported by our expertise, and adapted to your country's specific regulations.

## Training and Onboarding

RigiTech is proud to offer operator training to customers, provided for up to 4 operators at a time, and split between mandatory virtual and on-site modules:

### Virtual Training (1-2 days)



Overview of the dedicated portal within the RigiCloud Production server. Preparation of flight plans, safety checks, flight control through built-in simulator.

### Training in Switzerland (3 days)



Hardware overview, assembly and procedures for the Eiger drone. In-person test flights using Eiger drone in RigiTech's testing field and basic maintenance training.

## On-site Commissioning Services

RigiTech offers a complete service to seamlessly launch your new operation. Our expert team of operators travel to your site and take care of assembling, analysing and testing your new drone delivery network, before handing it over to your local team. This service includes:

1

Takeoff and landing  
site analysis



2

Communication  
systems configuration



3

On-site support  
for first flights

## Eiger Drone

**Vertical Take-Off and Landing (VTOL) + fixed-wing flight**  
 Material: carbon fibre  
 Wingspan: 268 cm  
 Airframe (L x W x H): 268 cm x 164 cm x 42 cm  
 Max. take off weight: 21 kg

**Eiger Payload**  
 Max. payload weight: 3 kg  
 Payload dimensions (L x W x H): 45 cm x 16 cm x 21 cm

**Eiger Transport Box**  
 Dimensions (wheels included): 138 cm x 52 cm x 117 cm  
 Transport box weight (empty): 30.6 kg  
 Transport box weight (drone and accessories): 51.8 kg

## Flight Performance

**Max. range:** 100 km

**Max. flight time:** 59 min

**Avg. cruise speed:** 104 km/h

**Max. wind gust resistance:** 15 m/s

**Max. wind resistance at take off:** 12 m/s

**Operating temperatures:** -7°C - 40°C

**Max. altitude:** 3000 m AMSL

**Weather limitations:** thunderstorms, icing conditions, or heavy rain.

## Onboard Safety Systems

Dual redundant GNSS

Pitot tube

Lidar altimeter for landing

Front and down-facing camera

Fully independent and dissimilar failsafe unit

Ballistic parachute

## Power

**Number of batteries required for flight:** 1

**Power:** 22'000 mAh

**Type:** Semi-solid-state lithium-ion

**Energy:** 977 Wh

**Weight:** 3.9 kg

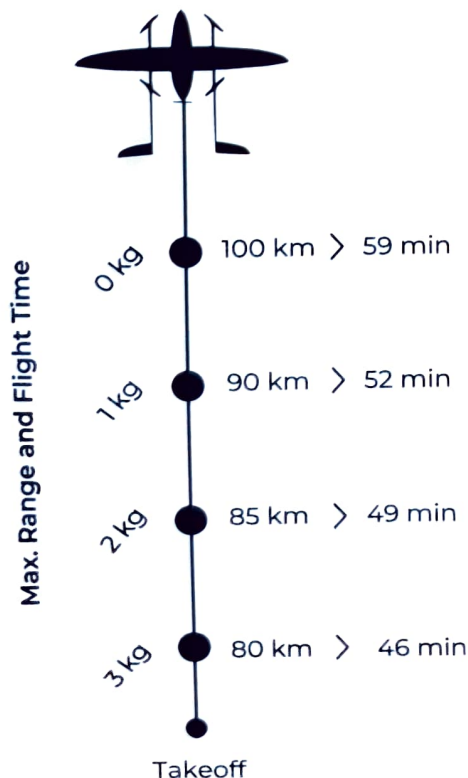
## C2 Link

Dual Cellular Telemetry (4G)  
 Independant modems and SIM Cards

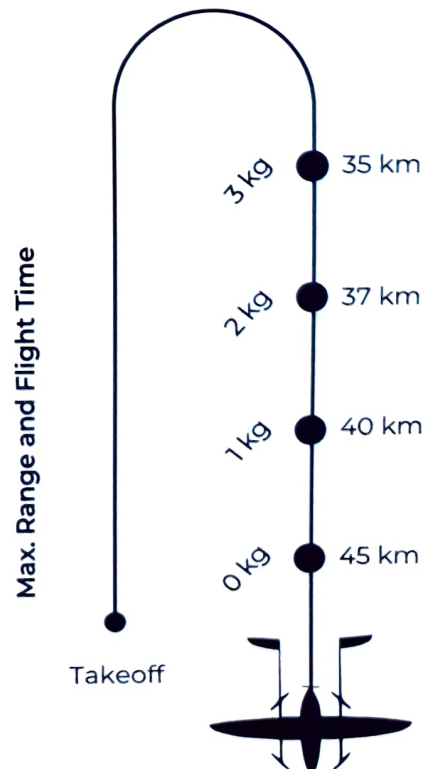
2.4 GHz Radio Telemetry (Mesh Network)

Iridium Satellite SBD

## Direct - One Way

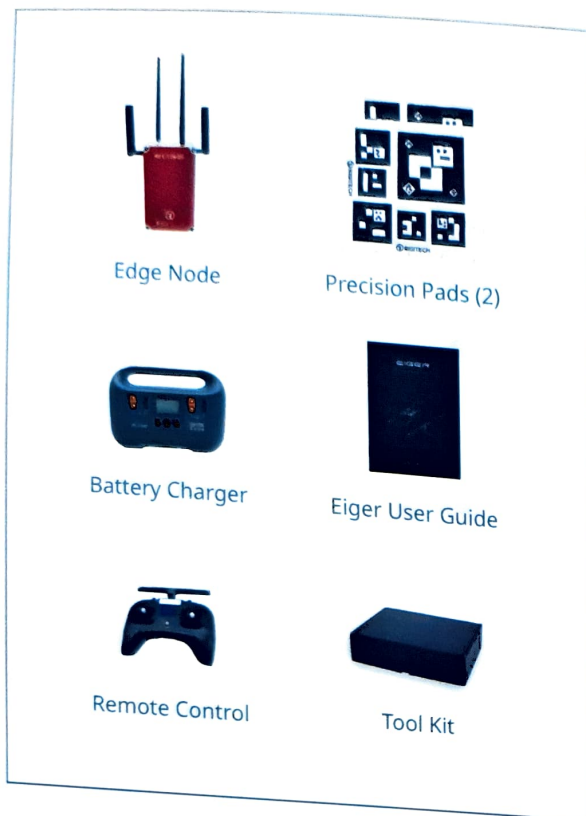


## Two Way - Reverse





# In the box



\*Drone batteries not included

## Optional Payload - Medical Payload Box

Our UN3373-compliant solution designed for secure and efficient transportation of medical samples. With guaranteed temperature control, this impact-proof transport box ensures the integrity of sensitive samples throughout the journey. Traceability is made effortless through RigiCloud, allowing easy tracking and monitoring. Streamline your operations and enhance healthcare logistics efficiency with a generous capacity of up to 150 samples per delivery.

