



CLOUD
CONNECTION



AI
FEATURES



5G
CONNECTIVITY

SKYLANE

The most versatile VTOL solution with AI and 5G onboard

Designed and optimised for long-range BVLOS flight operations. Perfect solution for delivery service and long-distance inspections. Capable of carrying a payload in a form of cargo or high-value sensors with state-of-the-art optics. Featuring AIRLink onboard, SkyLane supports fully-autonomous flights with real-time video streaming, AI, 5G, cloud connectivity and much more.

AIRCRAFT SPECIFICATIONS

| SKYLANE-250 | SKYLANE-350 |
|-------------|----------------------|
| 2500 | 3500 mm wingspan |
| 15.0 | 35.0 kg weight |
| 3.5+ | 5.5+ hours endurance |
| 300 | 500 km flight range |

POWERED BY AIRLINK

AIRLink stands for Artificial Intelligence & Remote Link. The unit includes cutting-edge drone autopilot, AI mission computer and 5G connectivity unit.



SOFTWARE FEATURES



- ✓ 4G/5G online connectivity via public or private networks
- ✓ Real-time telemetry and video streaming with ultra low-latency for full situational awareness
- ✓ AI inspired apps and software algorithms for enhanced autonomy and smart decision making
- ✓ Scalable solution with an option to run multiple aircrafts simultaneously

See the other side for the detailed technical specifications

TECHNICAL SPECIFICATIONS

SKYLANE-250 and SKYLANE-350 are long-endurance tail-pushed VTOL with high efficiency specifically designed for long-range delivery, inspection, surveillance and mapping jobs. They can stay in the air for a few hours and cover a few hundreds of kilometers on a single battery charge.

| Parameter | SKYLANE-250 | SKYLANE-350 |
|--------------------------------|---|---|
| Wingspan | 2500 mm | 3500 mm |
| Length | 1260 mm | 1880 mm |
| Material | Carbon Fiber | Carbon Fiber |
| Frame weight | 3.2 kg | 9 kg |
| Basic empty weight | 7.4 kg (no battery) | 15.5 kg (no battery) |
| Max. take-off weight | 15 kg | 35 kg |
| Suggested payload (ex battery) | 1.2 kg | 7 kg |
| Endurance | 4h, no payload 3.5h, 1.2 kg payload | 5h, no payload 2.5h, 7 kg payload |
| Max cruising speed | 26 m/s | 28 m/s |
| Stall speed | 15.5 m/s | 19 m/s |
| Max flight altitude | 4800 m | 3000 m |
| Battery | 2x6S 25000 mAh (5.1kg) | 2x6S 25000 mAh (5.1kg) |
| Battery cabin | 260 mm x 150 mm x 85 mm | 350 mm x 250 mm x 140 mm |
| Wind resistance | Up to 13.8m/s Fixed wing Mode Up to 7.9m/s VTOL Mode | Up to 13.8m/s Fixed wing Mode Up to 7.9m/s VTOL Mode |
| Operating voltage | 12S | 12S |
| Operating temperature | -20...+45C | -20...+45C |
| Carrying case | 1300 mm x 530 mm x 470 mm | 1670 mm x 540 mm x 590 mm |

KEY DIMENSIONS

