



QUANTIX™ RECON

Quantix™ Recon is a powerful, simple-to-use UAV that delivers rapid, automated reconnaissance and hands-free data collection. Mapping and scouting tasks are effortless with its fully-automated takeoff, flight and landing functions – even first-time users can successfully operate it. Quantix Recon delivers accurate, up-to-date maps within minutes for quick mission planning and verification. Its on-board processing delivers georeferenced, high-resolution imagery on the user's tablet as soon as Quantix Recon lands – no other devices, internet or software required. Due to its innovative hybrid design, Quantix Recon outperforms traditional quadcopters in range and efficiency. That means you can cover more ground faster and obtain aerial maps of remote, inaccessible areas and rapidly changing environments to ensure the safety of ground troops.

Fully Automated Reconnaissance

QUANTIX™ RECON

DISTINCTIONS

MISSION COVERAGE



Area
400 acres

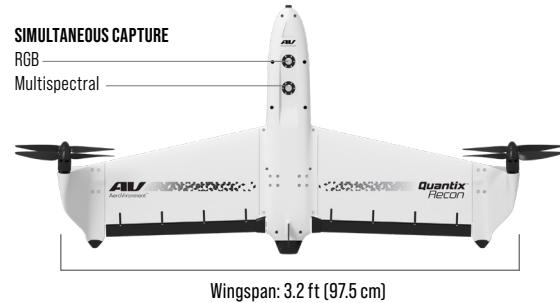


Linear
20 km (out & back)

SPECIFICATIONS

| | |
|----------------------------|---|
| MAX FLIGHT TIME | 45 min |
| LINK RANGE | 2 km |
| MISSION COVERAGE | Linear: 20 km (out & back) Area: 400 acres |
| PROPULSION | 4 direct electric drive motors |
| WEIGHT | 5 lb (2.3 kg) |
| MAX ALTITUDE | 7,500 ft (2,286 m) MSL, typical 150–800 ft (46–152 m) |
| WIND LIMIT | 20 mph (9 m/s) |
| DATA STORAGE | On-board SD card |
| COMMUNICATIONS | 900 MHz Encrypted & wifi |
| NAVIGATION | Automatic navigation—Area, Waypoint, Linear |
| TEMPERATURE | 0–120 °F (-17–49 °C) |
| LAUNCH AND RECOVERY | Vertical takeoff and landing |

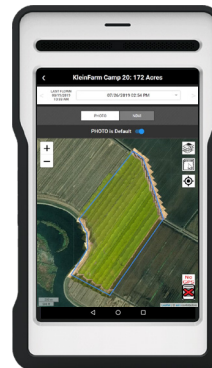
| SENSORS | RGB | MULTISPECTRAL |
|---------------------------------------|--|--|
| SENSORS | 18 MP | 18 MP |
| IMAGE SIZE | 4864x3648 px | 2432x1824 px |
| CAPTURE RATE | Automatically adjusted to maintain overlap | Automatically adjusted to maintain overlap |
| OVERLAP | 85% front, 60% side | 85% front, 60% side |
| GSD (GROUND SAMPLING DISTANCE) | | |
| @ 800 ft (243.8 m) | 1.9 in (5 cm) | 3.9 in (10.1 cm) |
| @ 600 ft (182.8 m) | 1.4 in (3.8 cm) | 2.1 in (7.6 cm) |
| @ 360 ft (109.7 m) | 1 in (2.5 cm) | 2 in (5 cm) |
| @ 265 ft (80.7 m) | 0.7 in (1.8 cm) | 1.4 in (3.6 cm) |
| @ 150 ft (45.7 m) | 0.4 in (1 cm) | 0.8 in (2 cm) |
| SINGLE IMAGE AREA | | |
| @ 800 ft (243.8 m) | 14.2 acres (0.057 km ²) | 14.2 acres (0.057 km ²) |
| @ 600 ft (182.8 m) | 8.0 acres (0.032 km ²) | 8.0 acres (0.032 km ²) |
| @ 360 ft (109.7 m) | 2.9 acres (0.011 km ²) | 2.9 acres (0.011 km ²) |
| @ 265 ft (80.7 m) | 1.6 acres (0.006 km ²) | 1.6 acres (0.006 km ²) |
| @ 150 ft (45.7 m) | 0.5 acres (0.0002 km ²) | 0.5 acres (0.0002 km ²) |



KEY FEATURES

- » Fully automated—hands free data collection
- » View high-resolution, georeferenced images instantly on the operating tablet upon landing
- » RF Silent mode—prevent detection & jamming
- » Flexible mapping modes—Area, Waypoint, Linear
- » Ready to fly—deploy within 5 minutes

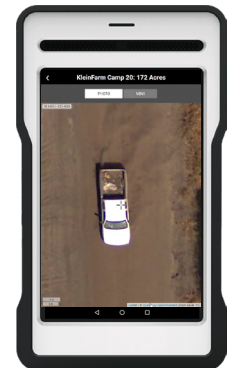
QUICK-LOOK™ HD



First View: Quick-Look



Second View: Clicking a spot pulls up georeferenced high-resolution images



Third View: Pinch and Zoom Navigation to see every detail images