

TEKEVER

AR3

HOT-SWAPPABLE VTOL INTEGRATED SAR

A modular & transformable asset, with optionally VTOL capability, for extended aerial operations, especially in difficult terrain conditions. AR3 - VTOL option is the ideal choice for meeting evolving mission requirements.

- ★ ISTAR Missions
- 📍 Wide Area Surveillance
- 🛡️ Border Protection
- 🌊 Maritime Surveillance
- 📡 Communications Relay
- 🚗 Pollution Monitoring
- 🏗️ Infrastructure Monitoring
- 🎯 Artillery Correction

EASY
LAUNCH &
RETRIVAL

ITAR
FREE

LOWEST
TOTAL COST
OWNERSHIP



We do the technology
You do the mission

Together, TEKEVER



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TEKEVER

AR3-VTOL

TEKEVER AR3 VTOL is our small, long endurance UAS designed to support a wide range of demanding land and maritime operations. The addition of VTOL capability increases its flexibility of deployment and reduces the logistics package.

The aircraft can also be adapted to support missions that require a longer endurance. The VTOL part of the system can easily be removed, providing users with a fully functional fixed wing system.

Providing a flight endurance from 8 to 16 hours, the AR3 VTOL is highly transportable, requires a very small logistics footprint, and is interoperable with Tekever's family of systems.

Its proven dependability, versatility, and low operational costs, make the AR3 VTOL the perfect choice for ISTAR and/or Commercial Operations

AR3

Wingspan	3.5 m
Length	1.9m
MTOW	25 kg
Payload Capacity	4 kg
Flight Endurance	VTOL: 8 hours / Fixed: 16 hours
Service Ceilling	3,600 m AMSL
Comms Range	100 km
Cruise Speed	75 - 90 km/h
GCS	Common GCS with AR4, AR3 and AR5 Supports multiple operators and aircraft
Launch Method	VTOL or Catapult
Recovery Method	VTOL or Parachute/Net/Belly/Water
Vehicle integration	System transport GCS

PAYLOAD OPTIONS

Dual mode PTZ EO/IR gimbal

Pan	360° Continuous
Tilt	-90° to +90°
EO	1920x1080
IR	640x512 MWIR

Sensors

Radar Detection
Mobile Phone Detection
SAR



VTOL and fixed wing system - 2 in 1



5 min from case to airborne



Integrated synthetic aperture radar