

TEKEVER



ONE SYSTEM
MULTIPLE AIRCRAFT
CUSTOM CONFIGURATIONS

AR3 EVO

YOUR MISSION, YOUR CONFIGURATION

The TEKEVER AR3 EVO is a next-generation, multi-role Unmanned Aerial System (UAS), combining modularity, autonomy, and proven operational performance. Designed and manufactured in Europe, and tested in frontline deployments, it offers unrivalled mission adaptability — whether in maritime, land, or contested airspace.

With a dual deployment system (VTOL and fixed-wing), the AR3 EVO enables rapid launch and recovery, even in confined or mobile environments. Its advanced autonomy, plug-and-play architecture, and minimal logistical footprint make it ideal for today's dynamic operational theatres.

MISSION
READY

COMBAT
PROVEN

MODULAR



YOUR EYES **ON THE UNKNOWN**

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One System, Multiple Aircraft

Deploy multiple platforms with distinct configurations, working in coordination for the same mission objective.

Fully Modular Architecture

Adapt payloads, comms, propulsion and launch method according to mission requirements.

Precision VTOL Capability

Operate from just 5x5 metres, including ship decks and unprepared terrain.

Mission-Ready in Minutes

From case to airborne in under 5 minutes. Operator training in 5 days.

Flexibility in Four Pillars



PAYLOADS

SENSORS FOR SURVEILLANCE, SAR, TARGETING AND MORE



DEPLOYMENT

FIXED-WING OR VTOL, CHOSEN PER MISSION



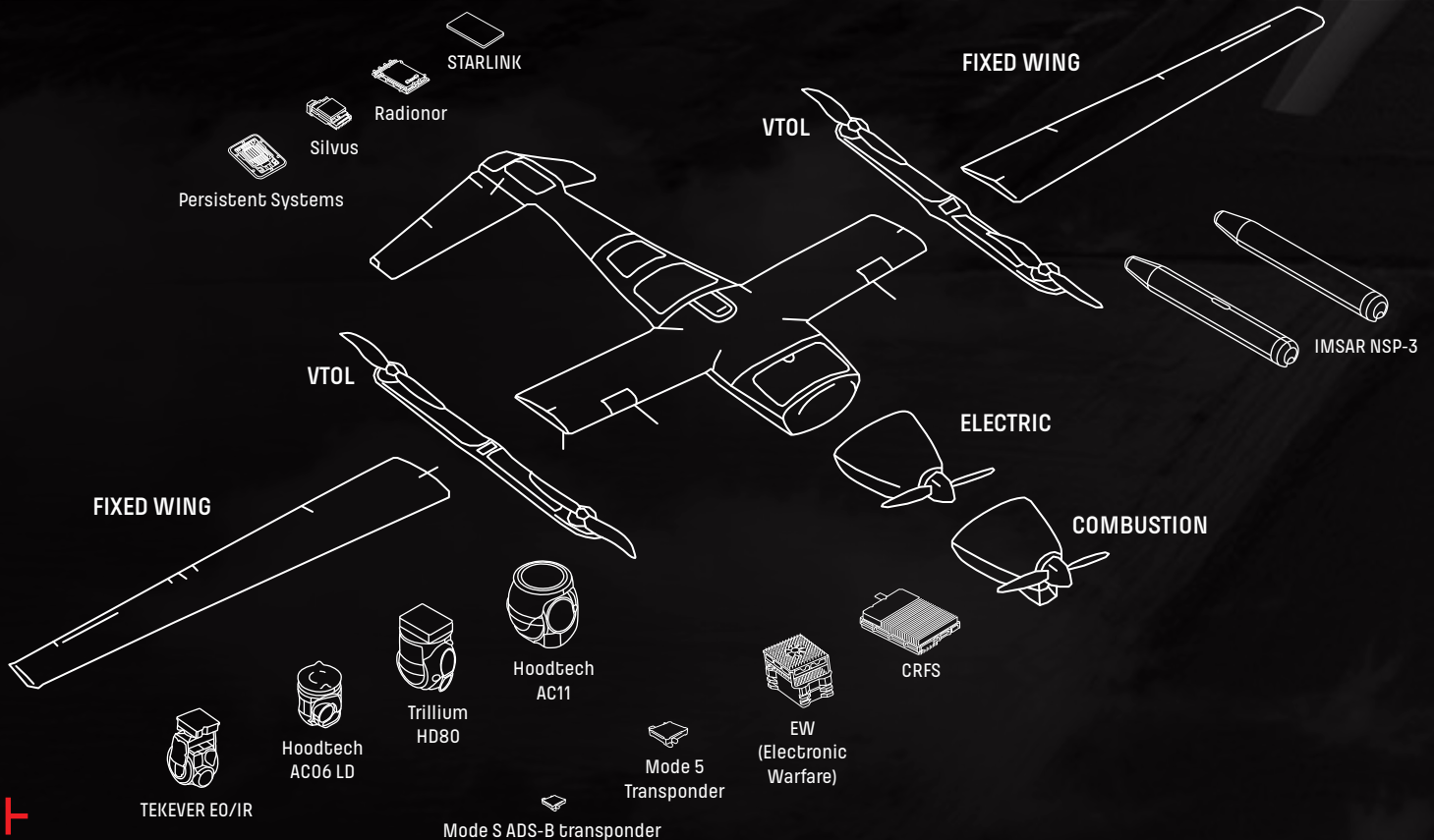
PROPULSION

ELECTRIC, COMBUSTION OR HEAVY-FUEL, OPTIMISED FOR ENDURANCE, SPEED OR ALTITUDE



COMMS

PLUG-AND-PLAY: SATCOM, LTE OR LINE-OF-SIGHT





AR3 EVO battle proven

DETECT & IDENTIFY

Designed for Intelligence, Surveillance and Reconnaissance (ISR), this configuration enables persistent monitoring, target detection, and classification — even in complex or GPS-denied environments.

Typical Payloads:

- EO/IR or HD Gimbals
- SAR radar
- GMTI function
- SIGINT sensors
- Tactical datalinks
- Laser designator

ELECTRONIC ATTACK

Supports electronic warfare operations and tactical effect delivery, including electronic denial and jamming operations, using focused configurations built around reliability and precision.

Typical Payloads:

- Directional EW antennas
- Anti-jamming modules
- Target-specific communication nodes
- Laser designator

COMMUNICATIONS RELAY

Ideal for extending operational reach in cluttered and arduous terrain or EMS contested zones, this setup provides a secure communication bridge between dispersed ground units, platforms, or C2 nodes.

Typical Payloads:

- Mesh network radios
- SATCOM / LTE
- IFF and ADS-B transponders

MARITIME WIDE AREA SURVEILLANCE

Equipped for persistent monitoring over littoral or open-ocean environments, detecting illicit activities, monitoring wildlife, and providing wide-area situational awareness.

Typical Payloads:

- EO/IR gimbals
- AIS receivers
- Maritime VHF
- SAR radar



Landing on ship on 5x5m

PLATFORM SPECIFICATIONS

MTOW:	25 kg (up to 30 kg in VTOL)
Endurance:	Up to 22h (FW) / 14h (VTOL)
Payload Capacity:	6 kg
Cruise Speed:	46 knots
Comms Range:	Up to 230 km
Launch / Recovery:	Catapult / VTOL / Parachute
Dimensions:	4.2 m (W) x 1.96 m (L)



GIMBALS (EO/IR)

Trillium HD80, HoodTech AC11, AC06 LD, TEKEVER Gimbal, Octopus Epsilon E140, Nextvision Raptor



RF / Comms

Silvus, Persistent Systems, Radionor, Doodle Labs, Microhard, Starlink, Honeywell Versawave, DTC, ridium, Trellisware TSM, Link 16



AIS / VHF

AIS Receiver, Maritime VHF, Aeronautical VHF



TRANSPONDERS

Mode S ADS-B IN/OUT, IFF Mode-5



RADAR (SAR/ISR)

IMSAR NSP-3



ELINT / SIGINT

CRFS, ESROE, Revector, Lifeseeker



ELECTRONIC WARFARE

CRPA Antennas



OTHERS

EPIRB, Overwatch PT-6



ENGINEERED IN EUROPE.
TRUSTED WORLDWIDE.



YOUR EYES ON THE UNKNOWN

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AR3 HOT-SWAPPABLE VTOL INTEGRATED SAR

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



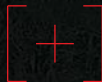
- ★ ISTAR Missions
- 🌐 Wide Area Surveillance
- 🛡️ Border Protection
- 🌊 Maritime Surveillance
- 📡 Communications Relay
- 🚗 Pollution Monitoring
- 🏠 Infrastructure Monitoring
- 🎯 Artillery Correction

EASY
LAUNCH &
RETRIEVAL

ITAR
FREE

LOWEST
TOTAL COST
OWNERSHIP





AR3 BESPOKE FEATURES, BATTLE-TESTED:

Swappable modular communication that enables operators to rapidly swap their radio bands in the field to match allied communications networks or frustrate enemy detection

Optional radios (Silvus and Persistent Systems C-band and S-band radios), combined with TEKEVER designed extended LRPA for increased RLOS ops (2, 3 and 4 dishes, depending on radio model) - successfully operated over 220Km

Built for enhanced operations in jammed environments with multi-layered systems of EW resilience:

- Modular CRPA antenna with full range of options
- Alternative navigation sensors
- Unique anti-spoof autopilot coding
- 'No GPS' operator mode to enable flight operations in completely jammed environments - GPS denied operations

- Specially designed and proven low RCS to minimise radar detection against a wide range of military radar systems
- Heated pitot tubes to enable ops in icing conditions
- Higher powered engines to enable operations at higher altitudes, with steeper ascend/descend
- Low logistics footprint, system integrated into multiple vehicle fits
- Complex network architecture to enable meshing heterogeneous communication channels (e.g. radio link, starlink, SATCOM)

AR3

	Wingspan	4.2 m
	Length	1.7 m
	MTOW	25 kg
	Payload Capacity	4 kg
	Flight Endurance	8 - 16 hours payload dependent
	Service Ceiling	3,600 m
	Comms Range	230 km
	Cruise Speed	85 km/h
	GCS	Common GCS with AR4, AR3 and AR5 Supports multiple operators and aircraft
	Launch Method	VTOL or Pneumatic Launcher
	Recovery Method	VTOL or Parachute/Net/Belly/Water



5 minutes from case to airborne



VTOL and fixed wing system - 2 in 1

PAYLOAD SENSORS OPTIONS

- Hoodtech Alticam 06E0IR / 06E0 / 06E0 LD
- TEKEVER EO + LWIR Gimbal
- Trillium HD55-LV / HD55-MV / HD55-VV / HD45
- Octopus Epsilon 140
- TEKEVER EO + MWIR Gimbal
- Next Vision Raptor

PAYLOAD OPTIONS

- Laser illuminators and rangefinder
- Communication relay systems
- VHF Comms
- Laser Designator
- Multiple options for EO sensors
- Multiple options for near-infrared to LWIR and MWIR sensors
- SAR (Synthetic Aperture Radar)



Integrated synthetic aperture radar