

TEKEVER

ARX

THE GAME CHANGER
COMING SOON



* Conceptual design

TEKEVER

ARX

THE GAME CHANGER

Designed to provide a multi-mission operational capability and multiple sensors consolidated onto a single platform, surpassing its class.



- Up to 30h ENDURANCE
- MTOW 600 KG
- SATCOM
- +1000 KM RANGE
- CARGO DEPLOYMENT
- MULTIMISSION
- SWARM CAPABILITY

* Conceptual design



AERO-NEXT PORTUGAL



Your eyes on the unknown



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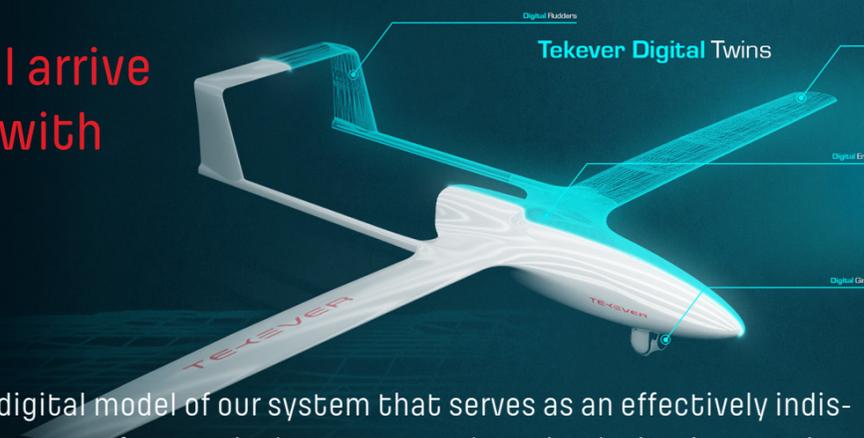
ARX The Game Changer



The TEKEVER ARX promises to revolutionize its class by offering a combination of long-range endurance, advanced onboard AI/ML capabilities, SATCOM and mesh connectivity, and readiness for GNSS-denied environments. With its fully modular payload configuration, including options for heavy lift, sensors, or deployable cargo, it presents also a wide array of sensor choices (EO/IR, MS/HS, LIDAR, AIS, ADSB, SAR SIGINT/COMINT/ELINT). This extensive feature set in a compact model with minimal logistical impact is set to transform the technology landscape in the long-range market.

TEKEVER ARX DIGITAL TWIN:

Tekever ARX will arrive on the market with a Digital Twin.



The ARX Digital Twin is a digital model of our system that serves as an effectively indistinguishable digital counterpart for practical purposes, such as simulation, integration, testing, monitoring, and maintenance. With this innovation, TEKEVER will facilitate all processes of operator training, sensor integration, and maintenance.

ARX The Game Changer



SWARM CAPABILITY - each unmanned aerial vehicle (UAV) is capable of communicating with other, exchanging information, and coordinating their actions to accomplish complex tasks efficiently in challenging environments.

SATCOM AND MESH ENABLED, AND PREPARED FOR GNSS-DENIED ENVIRONMENTS

LONG RANGE AND TIME ON STATION

FULLY MODULAR PAYLOAD CONFIGURATION: HEAVY LIFT, SENSORS OR DEPLOYED CARGO



ADVANCED ONBOARD AI/ML CAPABILITIES

EO/IRA, MS/HS, LIDAR, AIS, ADSB, SAR SIGINT/COMINT/ELINT

SPECS: ARX

	Dimensions:	12m x 6.8m
	Cruise Speed:	68 kt
	Comms Range:	unlimited
	MTOW:	600 kg
	Payload Capacity:	150 kg
	Endurance:	up to 30h
	Maximum Speed:	171 kt
	Range:	+ 1000 Km
	Recovery:	Runway
	Launch:	Runway
	Sensors:	EO/IR, MS/HS, LIDAR, AIS, ADSB, SAR SIGINT/COMINT/ELINT

DUAL USE ARX: Missions

- ISTAR MISSIONS
- WIDE AREA SURVEILLANCE
- BORDER PROTECTION
- MARITIME SURVEILLANCE
- COMMUNICATIONS RELAY
- ENVIRONMENTAL MONITORING
- INFRASTRUCTURE MONITORING
- SWARM MISSIONS
- CARGO DEPLOYMENT
- WILDFIRE CONTROL
- MONITORING OF ILLICIT TRAFFIC

CONSORTIUM LEADER: **TEKEVER**

