

# AR3

TEKEVER AR3 is a shipborne UAS designed to support multiple types of maritime and land-based missions, including ISTAR, pollution monitoring, infrastructure surveillance and communications support operations. Delivering up to 16 hours endurance, the AR3 is a perfect fit to support both maritime and land based missions.

- Real time collection, processing and transmission of high definition video from multiple EO and IR sensors.
- 16h Endurance combined with LOS communications range of up to 200km, ideal for vessel-based maritime missions.
- Optional BLOS datalink available, allowing for extended range operations.
- Wide range of payload and sensor options according to each missions specific requirements.
- Artillery Correction capability for ground units.
- Reduced logistics footprint, configured for the most demanding tactical scenarios.
- Extremely easy to assemble, operate and store, assuring excellent readiness conditions.
- Launched using VTOL or a mobile catapult system, that can be easily transported and used.
- All terrain retrieval using deployable parachute and airbags for sensor protection.

## AR3

	Wingspan	4.2 m
	Length	1.7 m
	MTOW	25 kg
	Payload Capacity	4 kg
	Flight Endurance	up to 16 hours
	Service Ceiling	3,600 m AMSL
	Comms Range	200 km
	Cruise Speed	85 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

## PAYOUT OPTIONS

- Multiple options for EO sensors (Easy third party gimbal integration)
- Multiple options for near-infrared to LWIR and MWIR sensors
- Laser illuminators and rangefinder
- Communication relay systems
- VHF Comms



VTOL and fixed wing system - 2 in 1.



5 minutes from case to airborne



Integrated synthetic aperture radar.



# AR5

The AR5 is a medium-altitude and medium-endurance fixed wing UAS.

Search & Rescue, maritime surveillance and patrol missions benefit from the increased endurance, reduced operating costs and lower risk to life offered by the AR5.

- Real time collection, processing and transmission of high definition video from multiple EO and IR sensors.
- Redundant critical flight systems, including twin engines
- Sub-Tactical UAS ranging up to 180Kg MTOW
- BRLoS - Beyond radio line of sight satellite communications
- High precision video, imagery and sensor data in real-time
- Flexible architecture, supporting multiple types of payloads and datalinks
- Highest production standards, accordingly with EASA regulations
- Used in multiple collaborative projects for testing and validation
- Selected to create the first European-wide UAS-based Maritime Surveillance System
- ITAR Free
- Fully managed RLoS and BRLoS - Radio line of sight datalink handover
- Takeoff from short unpaved runways
- Automatic take-off and landing (ATOL)
- 30X optical zoom



**Automatic Take-off & Landing.**



**Satcom enabled.**



**Flexible payload options.**



**Unprepared airstrip**



**Life-raft drop capability.**

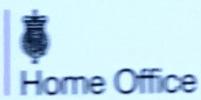
## AR5

	Dimensions	7.3 m x 4.0 m
	MTOW	180 kg
	Payload Capacity	50 kg
	Flight Endurance	20 hours
	Comms Range	unlimited
	Cruise Speed	100 km/h
	Launch Method	unprepared airstrip
	Recovery Method	unprepared airstrip

## PAYOUT OPTIONS

- 5 sensor gyro-stabilized gimbal
- Multiple EO/IR sensors
- AIS and EPIRB
- Maritime Radar
- SAR
- SIGINT
- LifeSaver

## AT THE SERVICE OF:

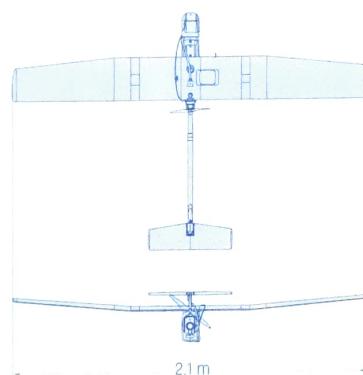


# AR4

TEKEVER AR4 is our lightweight Unmanned Aircraft System (UAS) designed for rapid mobile deployment. Suitable for both military and commercial applications, this tactical platform is easy to assemble, providing an organic ISR capability.

## TEKEVER AR4 capabilities:

- Go anywhere! A focus on ease of use, transportability, maintainability and payload flexibility.
- Validated and battle proven by multiple security and military forces
- Real-time Precision Imagery (High-resolution Image and Video)
- Powerful intelligent detection, identification and tracking capabilities
- Easy exchange of parts from one system to another
- Fully modular system, supporting immediate replacement, even with other product lines
- Focus on system autonomy, flexibility and capability to evolve



## AR4 - MODEL OVERVIEW

	Dimensions	2.1 x 1.35 m
	Payload Capacity	1 kg
	Cruise Speed	54 km/h
	Recovery	Parachute or Belly
	Comms Range	20 km
	Endurance	2 h
	Launch	Hand Launched

## PAYOUT OPTIONS

- Multiple options for EO sensors
- Multiple near-infrared to LWIR sensors
- Communications Relay systems



H Complete AR4 components



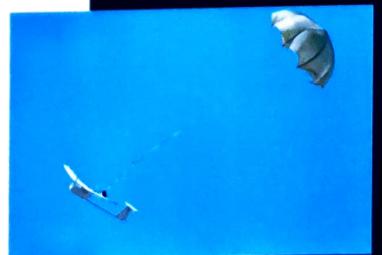
H Assembly



H Ready to deploy



H Deployment



H Retrieval by parachute

# PARROT ANAFI USA GOV

Die Parrot Anafi **USA GOV** ist eine leistungsstarke Drohne mit 4K-Kamera, 32x Zoom und Thermalbild, ideal für Regierungsbehörden. Sie bietet bis zu 32 Minuten Flugzeit, sichere Datenverschlüsselung und ist NDAA-konform. Leicht, tragbar und mit autonomen Flugfunktionen, eignet sie sich perfekt für präzise Inspektionen und Luftaufklärung.



## PARROT ANAFI USA GOV



Flugbereit in 55s



4K-Kamera mit  
32-fachem Zoom



Flugzeit bis zu  
32 Minuten



Sichere  
Datenverschlüsselung  
und NDAA-Konformität



Robuste  
Bauweise



Autonome  
Flugfunktionen



Thermalbildkamera

## WELTWEIT VERTRAUENSWÜRDIG UND BEWÄHRT



# PARROT ANAFI USA GOV

The Parrot Anafi **USA GOV** is a powerful drone equipped with a 4K camera, 32x zoom, and thermal imaging, ideal for government agencies. It offers up to 32 minutes of flight time, secure data encryption, and is NDAA compliant.

Light, portable, and equipped with autonomous flight functions, it is perfect for precise inspections and aerial reconnaissance.



## FUNCTIONS AND ADVANTAGES



Ready to fly in 55s



4K camera with  
32x zoom



Flight time up to  
32 minutes



Secure data encryption  
and NDAA compliance



Robust  
Construction



Autonomous  
flight functions



Thermal imaging camera

## TRUSTED AND PROVEN WORLDWIDE



# eBee

VISION



Low acoustic  
signature



Low specular  
reflection



## Real-time situational awareness UAS

Get HD live video insights into rapidly-changing environments, even in GNSS-denied conditions.

Ensure the success of your Intelligence, Surveillance, and Reconnaissance (ISR) missions.

eBee VISION can be easily carried, hand-launched and operated by a single pilot.

**Light weight**  
**3.5 lbs / 1.6 kg**

**Deployment**  
**3 min**

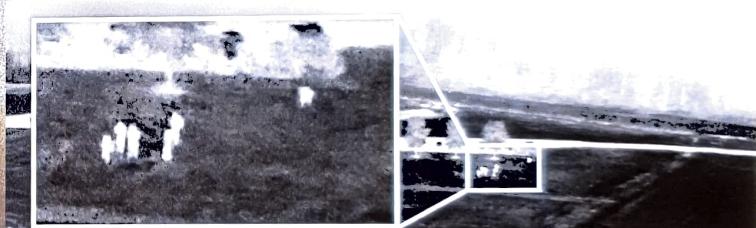
**Flight time**  
**Up to 90 min**

**Wireless range**  
**Up to 12 mi / 20 km**

**Cyber-secure**  
**AES-256 encryption**



**RGB camera with 32x zoom**



**Thermal camera with 5x zoom**

**Detect, track and geo-locate**  
Simultaneously capture, view and record HD video and imagery.



**Flight plan**  
Define a flight plan and seamlessly adapt it during the flight.



**Observation mode**  
Maintain observation from a safe distance.



**Scouting mode**  
Explore and track moving targets.



**Cursor-on-Target**  
Locate targets using image coordinates.



**Manual flight**  
Control the drone for your specific flight maneuvers.



**Mapping mode**  
Create circular or grid mapping patterns.



## Drone specifications

Wingspan	47.2 in / 120 cm
Material	Expanded Polypropylene (EPP)
Weight	3.5 lbs / 1.6 kg
Transport case	Backpack and hardcase

## Flight performance

Cruise speed	30 mph to 45 mph (48.6 km/h or 13.5 m/s to 72 km/h or 20 m/s)
Max speed	50 mph (80 km/h or 22.5 m/s)
Max wind resistance	38 mph (61 km/h or 17 m/s)
Max flight time	90 minutes
Service temperature	14°F, 120°F / -10°C, +49°C



## Remote controller specifications

Screen	7" sunlight viewable screen with rain mode and glove touch
Video	Continuous HD video feed from RGB and thermal sensors
Battery	5 hours battery life with warm-swap capability

## RGB sensor specifications

Sensor	2 sensors 1/2.4"
Resolution	5344 x 4016
Focal length	4mm / 16mm
Field of view (H x V)	72° x 45° / 21° x 12°
ISO range	100-3200
Zoom	16x optical / 2x digital
Video resolution	1920 x 1080 record / 1280 x 720 stream
Video format	MPEG-TS (H.264)

## Thermal sensor specifications

Sensor	FLIR BOSON
Resolution	640 x 512
Focal length	18mm
Field of view (H x V)	24° x 19°
ISO range	-
Zoom	5x digital
Video resolution	1280 x 720 record and stream
Video format	MPEG-TS (H.264)

## eBee VISION system includes





## Sky Operations

DB Sky Operations enables the operation of Unmanned Aircraft Systems at Deutsche Bahn AG – the central point within the Group for the use of UAS.

### DB Sky Operations c/o DB Fahrwegdienste GmbH

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[sky-operations.deutschebahn.com](http://sky-operations.deutschebahn.com)

Our mission is the inspection of linear infrastructure with drones – safe, legally compliant and compatible with railroads.

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Airial UAS is a European consortium of experts working in the field of implementing industrial drone solutions. We take a holistic look at the customer's business objective and

use case to develop tailored solutions which include aircraft, payload data acquisition, ground management systems as also landing and storage infrastructure.

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# E BEE TAC

## CYBER-SECURE MAPPING DRONE FOR PUBLIC SAFETY MISSIONS

eBee TAC can be operated by one person and deployed in 3 minutes. 3D models, thermal and orthomosaics maps sharable locally.



Light weight  
1.6 kg



Deployment  
in 3 minutes



Up to 90  
minutes flight  
time



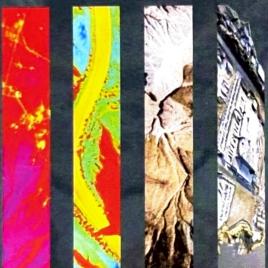
Up to 5 km<sup>2</sup>  
coverage at  
1300 m altitude



Silent radio  
mission



3D modeling,  
terrain &  
thermal  
mapping



## DATA GENERATION

With its mission directed swappable sensor suite, eBee TAC allows you to collect data that can be immediately used via the SD card for analysis and decision making



PIXEL CAMOUFLAGE &  
LOW ACCOUSTIC  
SIGNATURE

### VALIDATED AS CYBER-SECURE

- Radio Data Link Encryption AES-256
- Drone Log File Suppression
- Silent Radio Mission
- Data and Communication Control
- Encrypted SD Card

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# AUTEL EVO MAX 4T

VERSATILE DRONE FOR INSPECTION AND SURVEYING

The EVO Max 4T is the only commercial drone with binocular vision and millimeter-wave radar. It detects objects with 0.5-inch accuracy, eliminates blind spots, and operates in low light or rain. Advanced control modules and algorithms protect against RFI, EMI, and GPS spoofing, ensuring safe flight in complex environments.



15 sec.  
Take off



20 km  
Operating range



42 min.  
Flight time



Performance in  
any weather



4K resolution



Drone style  
Design



Navigation  
without GPSV



IP55  
Rating



AES-256  
Encryption

## Autonomous wayfinding

### Navigation in an environment without GPS

### Precise object identification and tracking

**Autel's Autonomy Engine plans 3D flight paths for scene reconstruction, safety, inspection and surveying.**

Thanks to advanced sensors, the EVO Max 4T can navigate underground and indoors even without GPS.

The EVO Max 4T automatically detects and tracks heat sources, people and vehicles from great heights for law enforcement.



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60650 Frankfurt am Main

# FIXAR 007

## KOSTENEFFIZIENTE DROHNENLÖSUNG FÜR DEN KOMMERZIELLEN EINSATZ

FIXAR 007 ist eine vollautomatische, VTOL (senkrecht startend und landend) Starrflügel-Drohne, die entwickelt wurde, um die Bedürfnisse von Drohnenkartierungs-, und Inspektionsprofis sowie Luftbildaufnahmen, Präzisionslandwirtschaft, Öl- und Gasüberwachung zu erfüllen.

Der geringe Wartungsaufwand und die benutzerfreundliche Drohne kann in weniger als 5 Minuten eingerichtet werden und starten/landet mit einer Genauigkeit von 1 Meter. Die FIXAR 007 UAV für Kartierung und Vermessung ist ein hervorragendes Werkzeug für stressfreie Missionen. Sie erfordert keine Startvorrichtung oder Landeplätze.



Flugstrecke bis zu 60 km (37.3 mi)	Steckbare Flugzeit bis zu 59 Minuten	Reisegeschwindigkeit von 61,2 km/h	Einstellungszeit von weniger als 2 Minuten	Nutzlast bis zu 2 kg (4.4 lbs)

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# EBEE VISION

## REAL-TIME SITUATIONAL AWARENESS UAS

For public safety agencies and Intelligence, Surveillance & Reconnaissance (ISR) missions

NDAAC-compliant

ROB & Thermal camera



Light weight  
1.6 kg



Deployment  
in 3 minutes



Up to 90  
minutes flight  
time



Wireless range  
up to 20 km



Low acoustic  
signature



Cybersecurity:  
AES-256  
encryption

## DETECT, TRACK AND GEO-LOCATE

Simultaneously capture, view and record HD video and imagery.



### REMOTE CONTROLLER SPECIFICATIONS

Screen: 7" sunlight-viewable screen with aim mode and glove touch Video: Continuous HD video feed from RGB and thermal sensors Battery: 5 hours battery life with warm-swap capability

## EBEE VISION SYSTEM INCLUDES



GCS



2x Smart batteries



Radio module with  
short range antenna



USB drive 64GB



Radio module  
auxiliary battery



Backpack



Radio module  
auxiliary battery  
charger



Hardcase

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