ANAFLI USA

A DRONE DESIGNED FOR FIRST RESPONDERS AND ENTERPRISE PROFESSIONALS

PARROT'S NEXT-GENERATION DRONE OFFERS 32X ZOOM, THERMAL IMAGING, A RUGGEDIZED AIRFRAME, AND ADVANCED DATA SECURITY
32X ZOOM AND ADVANCED IMAGING SYSTEM

POWERFUL TRIPLE CAMERA WITH UP TO 32x CONTINUOUS ZOOM

- Records visible and thermal photos and videos (video quality: 1280x720p in thermal spectrum / up to 4K HDR in visible spectrum)
- Hybrid 3-axis stabilization (2-axis mechanical stabilization and 3-axis digital stabilization)
- A CMOS 1/2.4” sensor and EO (electro-optical) tele-camera for a 32x stabilized zoom and stealth observation capabilities
- A CMOS 1/2.4” sensor and EO wide camera for visible spectrum short range reconnaissance
- A FLIR Boson® 320 longwave infrared (LWIR) thermal camera: 320x256 resolution, 50° HFOV, temperature range -10 °C to +150 °C
- Gimbal tilt range from -140° (beyond nadir) to +110° (over zenith)
- Replay, edit and analyze thermal media from the drone on the device, without downloading

EASY TO OPERATE

FLIGHT-READY IN LESS THAN 55 SECONDS, NO BUILT-IN LIMITATIONS FOR NFZ, WEIGHS ONLY 1.1LB (500G)

- The drone unfolds, powers on and connects securely to its controller in less than 55 seconds
- No GPS synchronization required to take off: flies perfectly indoor and in obstructed areas
- Hand launch and hand landing features for difficult terrains
- No built-in limitation for NFZ (no-fly zone)
- Quietest drone in its class: sound level of just 79 dB when it is at 50 cm off the ground
- Standard USB-C charging
- Weighs 1.1 lb (500 g)
- Flight time of 32 minutes – best in class for a drone of its size

RUGGEDIZED

IP53 QUALIFIED FOR WATER AND DUST RESISTANCE

- IP53 (5 against solids: dust protected / 3 against liquids: sprayed water and rain protected)
- Stabilized imaging ensures high-quality footage even at 15 m/s wind conditions
NEW FLIGHT FEATURES

ADVANCED FLIGHT FEATURES DESIGNED TO MEET THE UNIQUE NEEDS OF PROFESSIONALS

- Powered by a new version of FreeFlight 6, ANAFI’s acclaimed piloting software
- Fly by coordinates in assisted framing or full autonomous flights: define points of interest (POI), waypoints (WP) and landing points with their satellite navigation coordinates (GPS, GLONASS, GALILEO)
- Create a flight plan with pre-set automatic flights and target-tracking
- Editable “Return to Home” (RTH) feature

SOFTWARE ECOSYSTEM

COMPATIBLE WITH INDUSTRY-LEADING SOLUTION PROVIDERS, AVAILABLE SDK FOR AN EVER-GROWING ECOSYSTEM

- Open source SDK (Software Development Kit) for application developers
- Compatible with the industry-leading mapping software Pix4Dreact (2D mapping)
- Natively compatible with Survae (intelligent video, image, and data platform), DroneLogbook (operation and fleet management), Kittyhawk (security and compliance for enterprise UAS operations), Dronesense (the all-in-one platform for public safety operations), Planck AeroSystems (landing on moving vehicle) and Skyward, A Verizon company (aviation management platform)

TRUSTED AND SECURE

MADE IN USA, ENCRYPTION READY

- Same high-end security, durability and imaging capabilities as Parrot’s Short-Range Reconnaissance (SRR) drone designed for the U.S. Army
- Manufactured in Massachusetts, USA
- SD card encryption with AES-XTS algorithm and 512-bit key length. Complete protection of photos and videos if the drone is lost
- Secure WPA2 Wi-Fi connection to authenticate and encrypt the link between the remote controller and ANAFI USA
- Signed firmware prevents any malicious modification of the drone’s software
- Use of trusted standards and open protocols such as Wi-Fi, WPA2, RTP/RTSP, H.264, and GUTMA
- GDPR compliant - no data is shared by default without the consent of the user
- With the user’s consent, flight data is stored in secure European servers - local copies on the drone
**TECHNICAL SPECIFICATIONS**

**ANAFI USA**
- **Weight**: 500 g / 1 lb
- **Maximum transmission range**: 2.5 miles (4km) with the Parrot Skycontroller 3
- **Maximum flight time**: 32 minutes
- **Maximum horizontal speed**: 14.7 m/s (52.92 km/h or 32.88 mph)
- **Maximum vertical speed**: 4 m/s (14.40 km/h or 8.95 mph)
- **Maximum wind resistance**: 14.7 m/s (52.92 km/h or 32.88 mph)
- **Service ceiling**: 6,000 m above MSL (Mean Sea Level)
- **Optional altitude fencing & geofencing**
- **Operating temperature**: -32F (-35°C) to 110F (43°C)
- **No take-off temperature limitation**
- **Manage your data privately between drone and device OR share anonymous data on secured European servers**

**DIMENSIONS:**
- **Size folded**: 252 x 104 x 82 mm (9.92 x 4.09 x 3.23")
- **Size unfolded**: 282 x 373 x 84 mm (11.10 x 14.69 x 3.30")

**SENSORS:**
- Satellite navigation: GPS, GLONASS & GALILEO
- Barometer and magnetometer
- Vertical camera and ultra-sonar
- 2 x 6-axis IMU
- 2 x 3-axis accelerometers
- 2 x 3-axis gyroscopes

**EO IMAGE CHAIN**
- 2 Sensors: 1/2.4
- Digital Zoom: x32
- Electronic shutter speed: 1s to 1/10000s
- ISO Range: 100-3200
- Video resolution: 4K/FHD/HD
- Video Format: MP4 (H264)
- Photo Resolution: Wide: 21MP (84° FOV); Rectilinear: up to 16MP (up to 75.5° FOV)
- Photo Formats: JPEG, DNG (Digital NeGative RAW)

**IR IMAGE CHAIN**
- **Sensor**: FLIR BOSON
  - 320x256 resolution
  - -40°C to +150°C temperature range
  - Thermal Sensitivity: <60mK
  - Photo Format: JPEG
  - Video Format: MP4 (H264)
  - Video Recording Resolution: 1280x720, 9fps

**IMAGE STABILIZATION**
- 3-camera IR/EO stabilized gimbal:
  - Hybrid: 3-axis
  - Mechanical: 2-axis roll / pitch
  - Electronics (EIS): 3-axis yaw / roll / pitch
- Controllable gimbal tilt range: -140° to +110°

**FAST-CHARGING SMART BATTERY**
- **Type**: High density LiPo (3 x 4.4V cells)
- **Capacity**: 3400 mAh
- **Battery life**: 32 minutes
- **Charging port**: USB-C
- **Charges in 2h** with an USB-PD (Power Delivery) charger – not included in the pack
- **Charges in 3h20** with the fast-charging port of the provided charger
- **Weight**: 195 g / 0.43 lb
- **Voltage**: 11,55 V
- **Max charging power**: 30 W

**PARROT SKYCONTROLLER 3**
- **Folded size**: 94 x 152 x 72 mm
- **Unfolded size**: 153 x 152 x 116 mm
- **Weight**: 283 g / 0.62 lb
- **Transmission system**: Wi-Fi 802.11a/b/g/n
- **Operating frequency**: 2.4 – 5.8 GHz
- **Max. transmission distance**: 4 km / 2.48 mi
- **Resolution of live video feed**: HD 720p
- **Battery capacity**: 2500mAh 3.6V
- **Battery life**: 2h30 (Android) / 5h30 (iOS)
- **Compatible mobile devices**: Screen size up to 6.5"
- **USB ports**: USB-C (Charge), USB-A (Connection)

**PACK CONTENT**
- 1 ANAFI USA drone, 3 (1+2) smart batteries,
- 1 Skycontroller 3, 1 tablet holder, 1 multi-port fast USB charger,
- 1 additional set of propeller blades, 4 USB-A/USB-C cables, 1 hard case

Caron/East, Inc. | 800-25CARON (252-2766) | sales@caroneast.com | www.caroneast.com