

Technical specifications

ANAFI Thermal

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Thermal-imaging camera

Sensor: FLIR Lepton 3.5 microbolometer (radiometric)
Sensor resolution: 160x120
HFOV: 57°
Pixel pitch: 12µm
Spectral band: 8-14µm
Thermal sensitivity: <50mK (0.050°C)
Photo format: JPEG
Photo resolution: 3264x2448 (4/3)
Photo modes: Single / Time-lapse / GPS Lapse
Video format: MP4 (H264)
Video recording resolution: 1440x1080, 9fps
Precision: ±5% max.(High-gain) or ±10% max.(Low-gain)
Scene Dynamic Range: -10° to +140°C (High-gain) or -10° to +400°C (Low-gain)
Video: MP4

Imaging system

Sensor: CMOS 1/2.4", 21MP
Video format: MP4 (H264)
HDR: 4K UHD, 2.7K et 1080p videos, JPEG photos
Photo formats: JPEG, DNG (RAW)
Photo modes: single, burst, bracketing, timer and panorama
Shutter speed: from 1 to 1/10000s
ISO: from 100 to 3200
EV compensation: [-3, +3]
Maximum video sampling rate: 100Mbps

LD-ASPH Lens

f/2.4 aperture
Depth of focus: 26mm (35mm equivalent)
Depth of field: 1.5m to infinity

Digital zoom

Lossless: up to x2.8 (FHD), up to x1.9 (2.7K), up to x1.4 (4K UHD)
Standard: up to x3 (all resolutions)

Photo resolution

Wide angle: 21MP (5344x4016) / 4:3 / 84° HFOV
Rectilinear: 16MP (4608x3456) / 4:3 / 75.5° HFOV

Video resolution

4K Cinema (4096x2160 24fps)
4K UHD (3840x2160 24/25/30fps)
FHD (1920x1080 24/25/30/48/50/60fps)
HD (1280x720 48/50/60fps)
HFOV video: 69°

ANAFI Thermal drone

Size folded: 218x69x64mm
Size unfolded: 242x315x64mm
Weight: 315 g
Maximum transmission distance: 4km with the Parrot Skycontroller 3
Maximum flight time: 26min
Maximum horizontal speed: 34mph
Maximum vertical speed: 4m/s
Maximum wind resistance: 31mph
Maximum working altitude: 4,500m above sea level
Operating temperature: from -10°C to 40°C
GNSS: GPS + GLONASS
Barometer and magnetometer
Vertical camera and ultrasound sensor
2x6-axis IMU
2x3-axes accelerometer
2x3-axes gyroscope

Smart battery

Type: High Density Lipo (2 cells)
Battery capacity: 2700mAh
Battery life: 25 min
Charging port: USB-C
Voltage: 7.6V
Max Charging power: 26,1W

Parrot Skycontroller 3

Folded size: 94x152x72mm
Unfolded size: 153x152x116mm
Weight: 386g
Transmission system: Wi-Fi 802.11a/b/g/n
Operating frequency: 2.4 - 5.8 GHz
Max. transmission distance.: 4km
Resolution of the video return: HD 720p
Battery capacity: 2500 mAh 3.6V
Battery life: 2h30 (Android) / 5h30 (iOS)
Compatible mobile devices: Screen size up to 10"
USB ports: USB-C (Charge), USB-A (Connection)

Shoulder bag

Size: 300 x 220 x 135 mm
Weight: 700g

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