



An Efficient, Multi-Use, Lifesaving Tool On-Scene

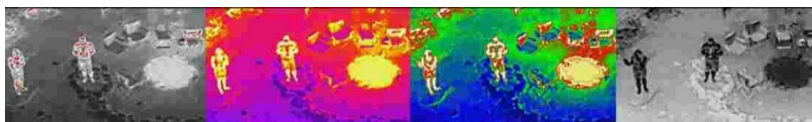
FIREFIGHTING

The Yuneec H520 enhances safety at a contaminated scene, speeds rescue and recovery, and offers scene management tools through thermal imaging and resource management. Firefighters appreciate the ability to “see” through smoke and rapidly identify hotspots using thermal imaging, and the ability to gain a birdseye view of operations on a large scene. With multiple sensor compatibility, the H520 offers firefighters a “Swiss Army knife” aircraft, providing the capability to change sensors/payloads in seconds, and enabling multiple datasets for efficient, more informed decision-making. Incident commanders will instantly appreciate the Automated Takeoff-Landing feature (ATOL) of the H520 solution, along with the ability to rapidly create high-detail orthographic maps or 3D renderings of a fire scene for forensic or investigatory purposes. Coupled with a tether, the H520 may be launched in second’s on-scene, for nearly indefinite flight time. The Yuneec H520 may also be treated for high-water resistance, and dust-proof operation.

SEARCH AND RESCUE

When a ground team deploys on a mission, there is a person's life on the line. Being able to get to the victim quickly and efficiently is mission critical for SAR. If the ground team cannot find the victim, the victim will not receive the help they need. Ground team members also need to carry a lot of equipment into the SAR environment, not only rescue gear like a litter, or first aid kit for the victim, but personal equipment to assist with staying in the field for an extended duration. When selecting gear for the field, a ground team member needs to think about weight vs. capability, the H520 is a lightweight highly capable UAV platform. Portability, extended flight times, live video feedback, thermal imaging, 4k video, downloadable satellite maps, and integrated controller, the H520 has it all.

Having a bright orange color allows victims and rescuers to see the H520 easily against the sky or terrain. High visibility allows victims to know help is on the way and attracts the attention of the UAV flight crew. Flight crews can use the high visibility color to point out the victim's location to ground team members in the area. Longer flight times allow a search grid to be more thoroughly inspected and increase the likelihood of locating the victim.



YUNEEC H520 Bundle
CGO-ET, Extra Battery, Lumecube, Hoodman Sunshade, Pelican Case

The Yuneec H520 is an advanced six-rotor drone for commercial applications. The H520 builds off the proven Typhoon H platform and incorporates industry-first commercial-grade cameras and applications for high-end commercial use. The H520 offers longer flight time, greater payload, and modular design and enhanced components while staying true to Yuneec's standard of excellence in aviation precision and safety.

Thermal Imaging Solution

The CGOET is a 3-Axis, brushless self-stabilizing gimbal camera with Infrared Imaging Capability (Exothermic Imaging). The Self-Stabilizing gimbal makes it possible to capture vivid photographs and fluid video footage for an array of uses. The built-in digital video link delivers streaming video compatible with iOS and Android equipped devices including smartphones and tablets as well as YUNEEC Personal Ground Stations. The CGO-ET is an innovative combination of 3-axis, 360 degree rotating gimbal with thermal imaging and low light camera. The thermal camera measures the infrared energy of objects differentiating between temperatures. The included low light camera is 20x more sensitive than the human eye providing superior low light photography and video.

Features

Yuneec H520

- Larger frame and larger motors for increased stability
- Increased flight time (31 minutes)
- Enhanced propellers for speed
- Ideal range for commercial applications
- E50 Camera with a distortion free, 50mm all glass lens

CGOET Exothermal Camera

- Exothermal imaging and low light camera 1080p combined and receivable (picture-in-picture or superimposed)
- Temperature measurement and display.
- Multiple color spectra offers users selectable visualization of heat sources.
- Adjustable temperature detection scale for specific ranges.
- Gimbal mounted IR for smooth detection display.
- Large RGB sensor "sees" better detail in the dark than the human eye.
- HD and infrared simultaneous recording.
- Remote camera settings.
- 3 Axis Gimbal.
- 360 degree unlimited gimbal rotation.
- Team mode capability.
- Low distortion lens.
- CGO-ET application, available in the App Store and Google Play Store.

YUNEEC H520 Bundle Includes



CGO-ET



Extra Battery



Lumecube



Hoodman Sunshade



Pelican Case