

CLEAR AN ACCIDENT SCENE IN A FRACTION OF THE TIME

The professional solution for law enforcement applications

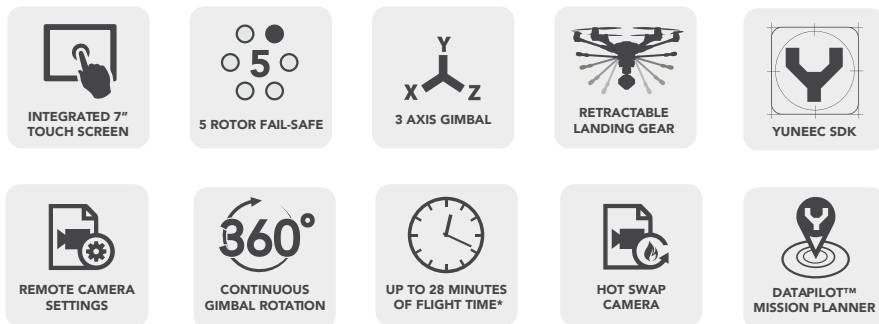
Clear accident scenes faster, gather incident forensic evidence on-scene while it's clean, empower your team to safely handle dangerous situations with an aerial view, and cover large search areas in minutes instead of hours.

With the E90 camera and H520 aircraft, Accident Scenes may be captured for 2D or 3D scene archive, suitable for any post-accident investigation. Using industry tools such as Pix4D™, PhotoModeler™, or other professional software applications, agencies are able to investigate, determine, and reexamine accident scenes with granular detail.

Imagine having the capability of a helicopter within the trunk of an officer's vehicle. The Yuneec H520 offers a tool which revolutionizes how police departments engage in a variety of public safety scenarios. An aerial view in a public safety situation offers a safe vantage point to monitor hostile situations and plan resource allocation or precision tactics before engaging the situation. Attach the CGOET, and the H520 becomes an aerial tool assisting in inspection of chemical spills, suspicious packages, or tracking a suspect.



Features



*Based on payload weight

H520 FOR LAW ENFORCEMENT

Tactical tool that assists officers in high intense situations

Clear accident scenes faster, gather incident forensic evidence on-scene while it's clean, empower your team to safely handle dangerous situations with an aerial view, and cover large search areas in minutes instead of hours. The H520 Hexacopter aerial system has been developed specifically for commercial use. This sUAS enterprise solution features a proven, stable, long flight time airframe, with multiple payload options and advanced DataPilot™ mission planning software.

Accident Scene Recreation

With the E90 camera and H520 aircraft operated by Yuneec DataPilot™, accident scenes may be captured for 2D or 3D scene archive, suitable for any post-accident investigation. Using industry tools such as Pix4D™, PhotoModeler™, or other professional software applications, agencies are able to investigate, determine, and reexamine accident scenes with granular detail.



Crime Scene Information Gathering

Too often, contamination of a crime scene becomes weakest link in crime scene investigation. Deploying an sUAS system prior to entering a scene allows for accurate capture of data without touching the scene itself. High quality camera systems with embedded GPS data enables evidence-gathering to be captured and examined before the crime, accident, or fire investigators or first-responders have entered the area.

Quickly change cameras without powering down

All Yuneec commercial camera systems are hot-swap capable which minimizes down time and improves productivity. The E50 camera-gimbal combination may be swapped for an E90 or CGOET camera-gimbal combo without power cycling the airframe. The quick release and lock mechanism of the gimbal and airframe mounting system enables fast and efficient exchange of cameras.

Specifications - H520

Flight Time:	Up To 28 Min. (based on payload weight)
Airframe Size:	20.5X18x12.2 in (520X457x310mm)
Airframe Weight: (with Battery)	57.6Oz (1633g)
Battery:	4S 14.8V LiPo
Battery Capacity / Voltage:	5250mAh 4S/15.2V (79.8Wh)
Charger:	SC4000-4H
GPS Accuracy/Frequency:	Horizontal 5M, Vertical 8M /5Hz
Hover Accuracy:	Horizontal +/- 1.5M; Vertical +/- 0.5M
Maximum Altitude:	1640FT (500M)
Maximum Rate of Ascent:	9MPH (4M/S)
Maximum Rate of Descent:	6.7 MPH (2.5M/S)
Maximum Roll Angle:	35°
Maximum Rotation Rate:	120 Deg/S
Maximum Forward Speed:	30.2MPH (13.5M/S)
Maximum Take Off Weight:	88Oz (2495G)
Operational Temperatures:	-10°C - 40°C

Compatible Cameras:	CGOET, E90, E50
Take Off Weight W/CGOET:	4.2Lbs, 67.7Oz (1921G)
Take Off Weight W/E50:	4.2Lbs, 67.5Oz (1913G)
Take Off Weight W/E90:	4.3Lbs, 70.3Oz (1995G)
Transmitter:	ST16S Personal Ground Station

