

About aeroMind

AeroMind is an official distributor of professional drones (UAV), anti-drone systems (C-UAV), and individual UAV applications. We cooperate with drone companies across Europe and globally. Our unique offer starts from Yuneec professional drones, through our own long-range co-engineering aMe CODEV DIB system to mobile laboratory Atmon FL. We supply UAV products for the army, police, firefighting, security industries, and specialized resellers. We provide a user-friendly B2B system and professional technical support. Our products have advanced technological advantages and are competitively priced. We invite you to cooperate with us!

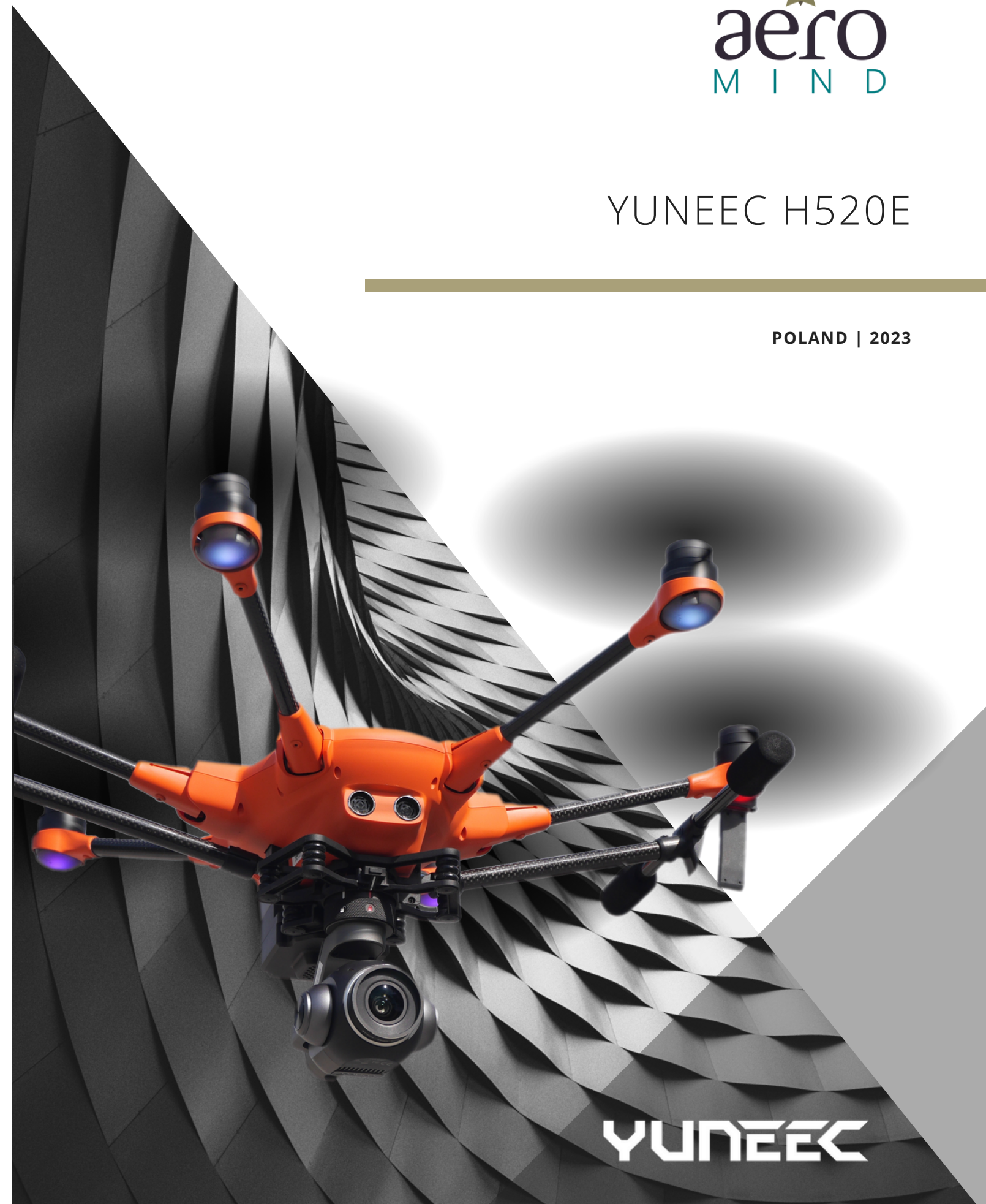
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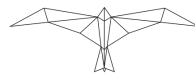


YUNEEC H520E

POLAND | 2023



YUNEEC



PIONEERING HEXACOPTER

The H520E is a popular drone developed for commercial and professional use as a multipurpose tool for search and rescue teams, technical inspectors, police, firefighters, foresters and surveyors. High-quality vision systems with integrated GPS data allow the drone to capture footage quickly and accurately, while a high-precision compass with enhanced noise immunity makes it possible to fly even in environments where this was previously difficult.

- ST16E control unit with 7" touchscreen, voice prompts and comprehensive DataPilot™ software
- HDMI connector on the ST16E to send live video from the drone to larger monitors
- Total lack NO FLY ZONE
- Range of up to 6 km thanks to OFDM modulation
- Ideal for commercial and government users
- Rugged and precise compass
- Stable and safe 6-rotor system
- Efficient and quiet drive
- Flight time up to 25 minutes
- GNSS ublox receiving signals from three different sources: GPS (USA), GLONASS (Russia) and GALILEO (European Union)



- Closed drone data transfer system (no logging to external servers)
- Flight controller software based on PX4 code base
- Detailed mission planning on both the ST16E instrument cluster and computer, offline maps available, and the ability to create your own maps
- Size - 520 mm engine spread
- WPA2 protocol video transfer encryption with dynamic passwords



CAMERA WITH INCREASED SENSITIVITY WITH THERMAL IMAGING

The new E20Tx camera for the H520E OFDM drone operates at 640 x 512 resolution (25Hz) and can record temperature data for quantitative analysis. The RGB camera, operating under residual lighting, has 20 times the sensitivity of the human eye and captures high-quality images, even under very low ambient lighting (without additional light sources). It is small, lightweight and, thanks to its high sensitivity, is a reliable tool for accurate identification of photographed objects.

DATA SECURITY

The H520E is engineered as a closed system. Its design prevents communication with third-party servers. Data exchange occurs only between the drone, its payload and the ST16E camera. Flight logs are stored locally in the drone's memory. There is no user uncontrolled data transfer to any servers. Both the logs and all footage and photographs remain exclusively at the user's disposal. The data is therefore optimally protected.



SET

- Yuneec H520E drone
- 2x battery
- ST16E apparatus
- Sunshield
- Camera harness
- Charger
- Charger power supply
- Adapter to power the charger from the car cigarette lighter socket
- Mini panel antenna
- Propellers 6 pcs. + 4 pcs spare
- Micro USB cable

The ability to program waypoint and area missions, with different variants of the way in which the set terrain is covered, including crosshatching, enabling applications including mapping, various types of surveys and measurements, securing accident sites, accident reconstruction, 3D modeling, orthophotomapping, inspections and search and rescue missions.