



E400-VTOL

Event 38 Unmanned Systems manufactures commercial drones and specialized optical sensors. Since 2012, we have sold over 600 aircraft systems to users in nearly 50 countries in industries such as agriculture, surveying, construction, security, environmental conservation, and research applications.

The E400 uses vertical takeoff and landing (VTOL) to operate from confined spaces without external launch or recovery equipment. It is configurable to carry EO/IR payloads with video downlink to a custom GCS or high resolution survey/mapping payloads. Its carbon fiber skin makes it durable and lightweight. The E400 is designed and manufactured by Event 38 in the USA.



AIRCRAFT SPECIFICATIONS - PHYSICAL	
Wingspan	94in (2.4m)
Weight	22lbs (10kg)
Payload	0.5 - 1.5kg
Power Source	VTOL: LiPo Forward: Li-Ion
Vehicle Configuration	Quadplane
Airframe Construction	Carbon Fiber

COMMAND AND CONTROL	
Commercial Mapping	Windows Laptop, RFD900x No Payload Feed
Security Stationary	Hard Case GCS, Microhard Video Feed, Encrypted
Security Mobile	All-in-one handheld GCS, Encrypted

AIRCRAFT SPECIFICATIONS - OPERATIONAL	
Endurance	80 Minutes
Flight Controller	Pixhawk (Blue Cube optional)
Flight Software	Custom based on Arduplane 4.0.3
Remote ID	Standard Remote ID Planned

PAYLOADS AVAILABLE	
RGB	Sony a6300
FLIR	Vue Pro, Duo Pro R
Micasense	RedEdge, Altum
EO/IR	Next Vision Colibri, Night-Hawk
Custom	Upon Request

Trusted By:

