

<b>Flight Mode</b>	Manual Flight, GPS controlled, Automated
<b>Positioning System</b>	GPS, Accel, Barometer, Gyro, Magnetic compass
<b>Flight time</b>	40 minutes
<b>Flight Distance</b>	5Km
<b>Flight Speed</b>	18 Mp/s (40Mph)
<b>Battery</b>	Lithium Polymer, 14000mAh 6S, 22V 1.7Kg
<b>Total Weight</b>	4.2Kg (with battery/Payload) 9.5lbs
<b>Axis Diameter</b>	680mm
<b>Propeller</b>	45.75cm/18"
<b>Operating Range</b>	-10C~50C
<b>Max Load</b>	1.1Kg/2.5lb
<b>Payloads</b>	10x Optical zoom, 4kp60 1/2.3 sensor
<b>Video Link</b>	2.4/5.8Ghz
<b>HDD/Storage</b>	Two Terrabytes Internal, USB, MSD
<b>Ground Station Control</b>	7 inch, Touch Screen, 800 nits, Android® Pre-loaded with Here® maps, others may be sideloaded
<b>Waypoints</b>	Up to 100 Waypoints
<b>Bundle Includes</b>	Mach 4, Y12 Controller, Camera, Battery, case, charger



# AEE MACH™ 4

## Multi-Rotor Commercial sUAS

- 40 minute flight time
- 10X Optical Zoom
- 2TB Ground Station Control System
- Intelligent flight design/systems
- Rapid Deployment
- IPX4 All-Weather Capability
- Integrated Control Display

For additional information:

[info@AEEUSA.com](mailto:info@AEEUSA.com)





## DAT 9 ZOOM CAMERA

- 10X Optical zoom
- Pan/Tilt/Zoom
- 1080p60fps
- 4MP photo
- Micro SD record format
- Looped record capability for active events
- 1/3 sensor
- IPX4 water resistant
- 66° FOV
- f2.0
- Focal Length 4.9mm-49mm



Ideal for capturing detail at a distance when the aircraft must be stood off from a targeted area of interest.

AEE cameras/sensor systems may be hot-swapped to save time in the field, enabling users to attach specific payloads for specific uses. Micro SD cards may be interchanged from system to system, allowing for greater efficiency and flexibility in the field.



## 4K DATA CAMERA

- 4Kp30
- 1080p100, p60, p30
- IPX4 water resistant
- 1/2.3 sensor
- MicroSD card format
- Constant/looping record
- 40° FOV
- f2.4
- 14 MP photo
- Focal length 12.54

The AEE Mach™ 4 is an sUAS system designed for flexibility. Capable of 40 minute flights (beyond 40 minutes in optimal conditions), the Mach4 currently offers two payloads, with additional payloads in the near future. Retractable landing gear keeps the aircraft streamlined and legs out of frame.

The AEE Mach™ 4 is a ruggedized aircraft with rugged Ground Station Controller created to withstand the rigors of field work whether in wet, dusty, windy, or dirty conditions. It has been field-tested in a variety of applications. Ideal for inspections, overwatch, photography, and general sUAS use, the aircraft is designed for flexibility to fit virtually any workflow.

The ultra-bright Y12 Ground Station Controller is not only a ground-control device, it is a fully functioning Android® device, so files may be immediately shared from the field. The Y12/Mach 4 is a point-to-point data system and provides ultimate security. No data is shared at any time. Data security is always within the user control.

With a telemetry and video linked capable of solid reception at 4 miles, and a two terrabyte HDD pre-loaded with HERE® maps, users are ready to fly in any environment.

