

# CAPELLA

## SPECIFICATIONS

Size	35x35cm
Weight	470g
Wind Resistance	Level 4
Max Horizontal Speed*	10 m/s
Max Vertical Speed*	4 m/s
Max Hover Time*	24 minutes
Max Show Time*	17 minutes
LED Brightness	2625 lm
Positioning System	Quad Constellation GNSS RTK
Positioning Accuracy	~10cm
Communications	WiFi6, 915/433MHz, 2.4GHz eLRS
Max Launch Angle	15°

\* Weather may have an effect on these values

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## FEATURES

1. **Remote Power Functions** - Capella is the only drone that supports remote sleep, wake, and power-off capabilities. After laying out your drones and powering them on, follow your typical operational checklist. Then, put the drones to sleep—a low power mode that uses very little energy. Once it's showtime, wake the drones up and put on the show! After the drones have landed in the case, power them off and close up the case. All of this can be done without having to walk back and forth to the drones.
2. **Hassle Free Setup** - Improve your operational efficiency and overhead costs by not having to place drones by hand. Unload the multipurpose transport cases, open them up, power on the drones, and you're ready to put on the show! No need to place drones by hand or place beauty mats for the drones to launch from.
3. **Best-in-Class Hardware** - We have partnered with leading sensor manufacturers to access cutting-edge sensors not available to the general public. This enables us to provide best-in-class hardware, including redundant sensors, resulting in a more reliable drone. All core components, including the power systems and flight controller, are designed and built in-house. This allows for a deeper level of integration that sets our drones apart from any others in their class.
4. **High-Powered Light** - Capella features a high-powered LED module visible from up to 4 miles away! Unlike most small drones with weak light output, Capella ensures your light show is vibrant and visible.
5. **Secured Communications** - All three of Capella's communication channels are secured to prevent tampering with, not just the primary channel. Enjoy stress-free shows without the worry of malicious actors causing harm.
6. **Safety at the forefront** - Capella is equipped with propeller guards which may be required by various government agencies and insurance providers.