



ben@specializeddronesshows.com



(702) 482-2550

Onboard Drone Safety

Automatic Return-to-Home (RTH):

If a drone within the drone swarm loses signal or malfunctions and can no longer communicate with the base station, it will safely return to the launch pad. This is a preventative measure.

Geofencing:

Invisible boundaries are set up in the drone software to prevent drones from flying into unsafe, occupied or restricted areas. If a drone breaks off from the drone swarm, they will reach the invisible line (Geofence) and go down. The geofence is within the safety perimeter preventing a drone from reaching spectators. This prevents a drone from falling from the sky and causing injury.

Failsafe Procedures:

If something goes wrong, drones are set to land safely or hover in place depending on the situation. These settings are customized prior to the drone light show before your event.

Emergency Stop Option:

Pilots can instantly abort and land all drones if risk is identified. For example if lightning strikes and bad weather is rolling in or a crowd has encroached on the safety perimeter.