



FREELY SYSTEMS - ALTA 8

DIMENSIONS

- Unfolded Diameter (does not include Props): 1325 mm
- Folded Diameter (does not include Props): 660 mm
- Height to base of Toad In The Hole (TITH): 263 mm

WEIGHTS

- Maximum Gross for Takeoff: 18.1 kg (40.0 lbs)
- Maximum Useful Load: 12.0 kg (26.4 lbs)
- Maximum Payload: 9.1 kg (20.0 lbs)
- Typical Standard Empty Weight: 6.2 kg (13.6 lbs)

FLIGHT CONTROLLER

- Model Name: Freely SYNAPSE flight controller
- Flight Modes: Manual, Height Mode, Position Mode (Classic, Kinematic), Return-to-Home (RTH), Autoland, Orbit Mode
- Supported Inputs: DSMX, DSM2, S.Bus, S.Bus2, PPM, FPV SD
- Supported Radios: Futaba S.Bus & S.Bus2, DSMX, DSM2 (Spektrum/JR), PPM, PPM Invert, PPM Graupner
- Supported Radio Controller Telemetry Systems: Futaba w/ built-in voltage sense port
- Minimum Radio Controller Channels Required: 5
- Supported GNSS: GPS, GLONASS, Galileo
- Supported SBAS: QZSS, WAAS, EGNOS, MSAS
- First-Person View System Video Formats: NTSC, PAL
- Supported First-Person View Transmitters: Skyzone, BOSCAM, ImmersionRC, Fat Shark
- Supported First-Person View Cameras: Ready Made RC (RMRC-700XVN Recommended)
- First-Person View OSD Telemetry: User Configurable
- Installed Transceivers: Wi-Fi 2.4 GHz b/g/n
- Data Logging Rate: 25 Hz