

INFLATABLE FLOATING ANTENNAS



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Biomark **Rigid and Inflatable Floating Antennas**, are an innovative approach to both stationary and mobile PIT-tag monitoring. The rigid design is made up of a 10' HDPE antenna affixed to an FRP framework and is ideal for semi-permanent, multi-antenna arrays and larger river/higher flow applications.

Rigging kits are available for the rigid antennas for affixing to overhead cable systems. The inflatable antennas and raft mounted antennas are ideal for mobile detection applications, small scale or short term projects. Specifically designed for the IS1001 24V readers.



FEATURES

- Compactible
- Antennas are available in 10ft length
- Easily inflatable/deflatable
- UV resistant whitewater raft material
- Durable, multipurpose antenna

APPLICATIONS

- Mobile detection
- Small scale monitoring
- Floating antenna is ideal for short term monitoring projects
- Rigid is ideal for continous monitoring projects
- Juvenile/smolt monitoring



Antenna	Description
Rigid Floating Antenna	Dimensions- 10' L x 4" W (3.048 m x 1.2162 m) Weight - 75 lbs
Inflatable Floating Antenna	Dimensions- 10' L x 3" W (3.048 m x 0.9144 m) Weight- 30 lbs
Raft Mounted Inflatable Antenna	System includes: (2) 10' x 3' Biomark Inflatable Floating Antennas, (1) Ambush Cataract-Frameless (Aire), (1) Heavy Duty Electronics Enclosure, (2) IS1001 Reader, (1) Master Controller, (1) 34 V 50 AmpHr LiP04 Battery Bank, (1) 30 Watt Solar Panel, (1) Solar Controller
Rigid Rigging Kit	Includes: 9' loop straps (3), 6' straps (3), locking carabiners (5), pulleys (3), 2' straps (2), and zip ties



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