

Internet Landing Installed Device Sensor (I-LIDS)

Aquatic Invasive Species (AIS) cost lake groups millions of dollars annually to manage. Zebra mussels carried by plants on trailers threaten property values and lake enjoyment. Continuous launch inspection is required to prevent AIS infestation.

Video based evidence compels boaters to comply with AIS ordinances

-Burnett County, WI: 5 AIS citations + 10 cleanoff awards produced compliance

-Lake Minnetonka, MN : Boaters launching weeds dropped from 7.4% to 0.13%

I-LIDS installed



Protecting:

- Property Value
- Water quality
- Recreation
- Fishery

Aquatic Invasive Species

Eurasian watermilfoil, Curlyleaf pondweed, Flowering Rush, Hydrilla, and Zebra mussels are being launched in our lakes.

Over 2500 hours of monitoring per launch is required!

The I-LIDS is a key tool to address this threat...

24x7 Video Inspection

Remote camera captures high resolution video to secure website in minutes.

Detailed Information

Visual inspection via browser with date, time, and boat registration.

Education / Enforcement

Recorded message tells users to remove plants and animals.

Internet enabled

Wireless transmission to Internet server for real-time access.

Standalone deployment

Solar, wireless, and vandal resistant enclosure.

To calculate your lakes risk visit www.lakesentry.net

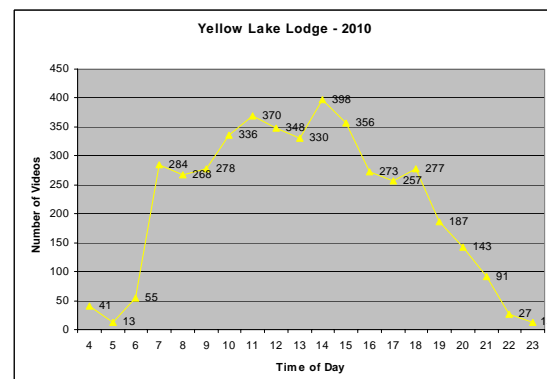
Or call

612-275-1440

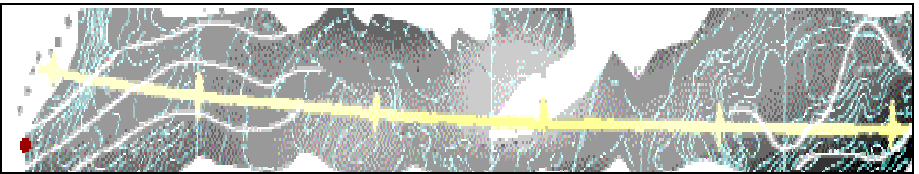
info@lakesentry.net



High resolution remote inspection



Graph peak periods of use



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Installation:

There are several components that have to be in place for the I-LIDS to remotely and securely transfer video images to the Video server and make them available for review.

Secure Footing: To prevent movement of the I-LIDS it is secured into the ground allowing it to be rotated to different viewing angles and protecting it from impact by a vehicle.

Wireless Access: Using 4G networks or existing internet services the I-LIDS gains access to the Internet to store videos at remote servers.

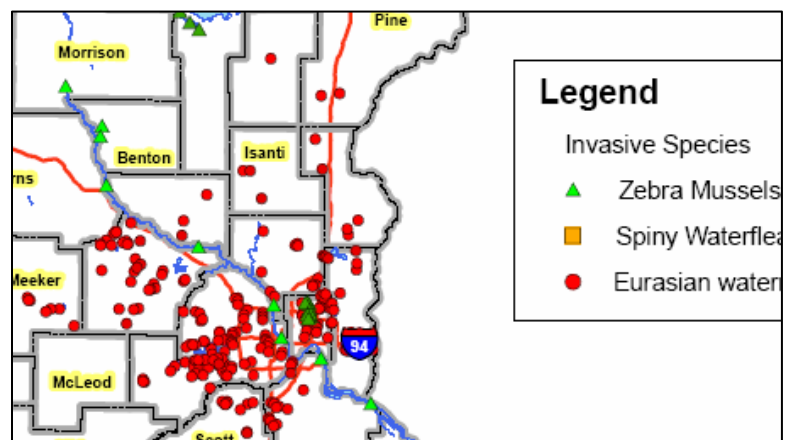
Sign: A warning sign is designed and installed notifying launch users that they need to clean off weeds from their boat and trailer. This sign can be customized with the Lake Association logo.

I-LIDS: Last, the I-LIDS housing and electronics sleeve is installed, configured, and tested to assure that video is properly networked. Trip points, video duration, size are properly configured.



Features:

- Solar Power, bullet proof glass
- Magnetic sensor
- Video capture of movement
- Wireless video transmission
- Direct lighting for night vision
- Recorded voice message
- User accessible video playback



Over 10% of Minnesota Lakes are infested.

Your lake is one launch away from impact.