



BLUEHAWK™ SENSORS

Non-Contact Water Surface Monitoring for Hydrocarbons, HABs & Organics (CDOM)



8 Key Reasons to Choose Patented CFRS™ Technology

01

REAL-TIME MONITORING



Continuous data with instant alerts 24/7, no waiting for lab, daylight- or weather-dependent satellite results. Reduces site visits, sampling, and lab work.

02

NON-CONTACT OPERATION



Monitors the surface where contaminants first appear—maintenance-free, no biofouling, drift, cleaning, or recalibration. Ideal for long-term monitoring.

03

30+ FOOT DETECTION RANGE



Remote monitoring capability extends 30+ feet, enabling safe, above-water and direct at-intake monitoring in hard-to-reach or hazardous locations.

04

ONE PLATFORM, THREE APPS



Same hardware, configured for hydrocarbons, harmful algal blooms (HABs), or organics (CDOM). Simplifies training, deployment, and maintenance.

05

DEPLOY ANYWHERE



Exceptional deployment flexibility across fixed and mobile platforms—buoys, vessels, or drones for diverse monitoring needs.

06

UP TO 1,600 SQ FT COVERAGE



Monitor large areas from a single point with pan-tilt mount. Reduces sensor count, installation, and maintenance costs vs. point sensors.

07

UNIQUE CFRS™ TECHNOLOGY



Patented design delivers high sensitivity and SNR minimizing false alerts; well-suited for turbulent waters and variable levels; built-in self-diagnostics.

08

AUTOMATED CONTROL



IoT-ready, connects to SCADA, control systems, or monitoring networks. Supports automated intake management, flow control, and treatment plant optimization.