

# Saltwater Intelligent Monitoring

## S.W.I.M. - Standard System



Saltwater Inc.  
Electronic Monitoring

### System Overview

The standard S.W.I.M. system includes a mid-sized computer built for medium to large fishing vessels that can record up to 8 high-definition cameras. It utilizes a GPS, various gear sensors, and high-capacity storage with data encryption. Cellular and Wi-Fi connectivity is available for data uploads and to run diagnostic tests. The system can be powered by AC or DC connection with an uninterruptible power supply.

#### System

- Fanless industrial network computer.
- Video recorder with Intel® processor.
- 8 GB memory and up to 5 TB storage.
- On-board data security encryption.

#### Cameras

- Support for multiple IP cameras.
- High-definition video at 5 to 30 FPS.
- Rugged IP67 weatherproof rating.
- Efficient PoE data transmission.

#### Sensors

- Vessel tracking and effort measuring.
- Compatibility with vessel gear.
- Analog and digital inputs.
- GPS, Hall effect, pressure.

#### Storage

- Supports up to 2 TB removable storage.
- Tamper-proof data encryption.

#### Display

- LCD monitor with 10" screen.
- Wireless streaming (optional).

#### Connectivity

- Wi-Fi and cellular network support.
- Satellite transmission compatible.

### System Specifications

Power Inputs:	DC 12 - 24 V; DC 9 - 36 V
Power Outputs:	48 V Output (60 W max)
Processing Speed:	Intel Atom x5-E3940, 1.6GHz
Operating Temp:	-4° F - 158° F (-20° C - 70° C)
Dimensions:	6.3" x 5.28" x 2.95"
Weight:	5 lbs (2.27 kg)
Storage:	1 TB - 2 TB removable storage

Sensors:	GPS, Hall effect, pressure
Connectivity:	Wi-Fi, 5G, 4G LTE, GNSS, Sat
Camera Resolution:	1080p (2MP), 1440p (4MP)
Backup Power:	Uninterruptible Power Supply
Monitor:	10" Touchscreen LCD
Interfaces:	Ethernet, NMEA2000
Remote Support:	Secure VPN connection

