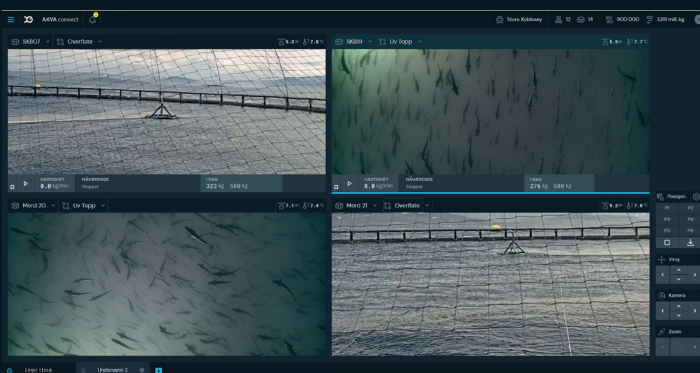




SmartEye Modular Camera System

High-definition underwater imaging with unmatched performance in challenging water environments.

The SmartEye Modular Camera System offers flexibility, reliability, and comprehensive monitoring capabilities for aquaculture professionals. The camera is an advanced camera system equipped with HD video, light-sensitive cameras, a modular design, integrated sensors, advanced software, robust construction, wired transmission, and an LED light module to see bottom of the net to improve environment for the fish.



Includes user-friendly, fully configurable software that enhances user experience through built-in analytics functions.

1080P
FULL HD

720P
HD

The software offers multiple configuration options to match various viewing needs and supports the feeding process by integrating artificial intelligence to analyze fish behaviour and pellet consumption. Using high-definition cameras, it provides real-time recommendations and automated adjustments to optimize feeding efficiency and minimize waste.

Specifications:

- Resolution: Optimized for 720 HD, Full HD 1080p capable
- Min. Illumination: 0.00001 lux @ F1.2 (colour)
- Angle of View: 146.9° width
- Cable Length: Standard 50m, 75m 90m for Deep sea Farming
- Depth Rating: 80m
- Power: Power over Ethernet (PoE)
- Weight: Camera + cable: 20 kg – 2kg in water
- Additional Modules:
LED Light Module,
Multiparameter sensors (Dissolved Oxygen DO, Temperature,
Depth, Salinity)

Key features:

High-definition video provides sharp underwater video images in HD quality.

Camera modules optimized with custom firmware for underwater environments

Modularity allows customization to meet specific operational needs.

Integrated Multiparameter Sensors ensure comprehensive environmental monitoring.

Advanced Software offering multiple viewing configurations.

It robust Design, durable camera housing, and a waterproof connection cable.

LED Light Module to enhance visibility in the darkest and deepest environments.

360-degree View provides full 360-degree motion for comprehensive monitoring.

Gyro Stabilization for steady imaging.



Robust and proven housing design. Extensive testing to minimise down time.



Wireless transmission from pen to barge and to shore base (if required).



Crystal clear low light camera images.