



Digital CAP



Digital CAP UK



Wired EAP



Environmental Sensor System



Power Cabinet

Digital CAP UK - hardwired infrastructure for cameras and sensors

A connection point for all our underwater cameras and three environmental sensors. With transmission of up to 6 parallel video channels the system suits all types of farm sites. The Digital CAP UK is offered in two versions, a standard hardwired model and a new customized version with an Entry Level WI-Box for the Mediterranean market.

Hard wired solutions - when simple stability counts

Infrastructure that fulfil your need for fixed solutions. Adapted and customized for each site – various sensors and cameras can be adapted to the system.

EAP - hard wired and wireless solutions for environmental data

The EAP is directly linked to the Akvasmart CCS Feed System via the AKVAconnect software. Collecting and logging environmental data from one or multiple depths provides better control of the feeding.

Network for water quality and environmental data

All data can be viewed, recorded and logged within the AKVA connect software package, allowing parameter thresholds to be set and highlighted. The Akvasmart Environmental Sensor System is designed as a stand-alone system.

Power Cabinet

CPU Power Cabinet supplies power to camera, winch, underwater light, CAP and other equipment on the cage. CPU are offered in two versions, one with 12QPD and one with 6QPD.

Digital CAP UK - Hardwired transmitter*

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|---------------------|--|
| Wired network: | Ethernet 100/1000Mbit - customized solutions, depended of site layouts and distances WI-FI Ethernet, Coax or fiber cables. |
| Above water camera: | External camera - Fix point as an option. 1. No Surface Camera 2. Cage site camera - 5m cable 3. Hamster Wheel camera - 30m cable |
| Under water: | All our models underwater cameras |
| Winch: | Option 1. N/A - 2. Standard and Winch HT |
| Sensors: | Optical Oxygen, Temperature, Current |
| Power supply: | Mains 230V |

* New Entry Level WI-Fi Box (1 or 2 servers) for the Mediterranean market.

| EAP transmitter | Single | Triple |
|-----------------------------------|---|---------------|
| Temperature range: | -10°C to + 40°C | |
| Communication: | Wireless or hard wired | |
| Connections: | Amphenol plugs / direct terminal | |
| Materials: | Fibreglass/Acrylic/Aluminum | |
| Size - L x W x H: | 370x300x170mm | 560x560x170mm |
| Weight: | 5kg | 8kg |
| Sensor Connections | | |
| Temperature: | 1 pcs. | 3 pcs. |
| Oxygen: | 1 pcs. | 3 pcs. |
| Current: | 1 pcs. | 3 pcs. |
| Accessories: (highly recommended) | Protection aluminum housing for installation on cage railings | |

Environmental Sensor System

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|-------------------------------------|--|
| Range: | +800m |
| Frequency: | 868MHz (EU license free band) |
| Battery Size: | 24Ah (if required) |
| Power supply: | 115v-230v Single Phase. 12v model available on request |
| No. of Communications Hub per base: | 50+ |
| Sensors per Communications Hub: | 3 |
| Battery Life: | Minimum 24hours ** |
| Mount Bracket: | Galvanised Steel/Stainless Steel |
| Sensor Cases: | Yellow |

** Requires optional UPS pack. Depends upon number of sensors and type of sensors attached.

Power Cabinet

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|--------------------------------|-----------------|
| Power supply out: | 220V, 50Hz |
| Power supply in: | 40A, 400V, 50Hz |
| Weight: | 25kg |
| Size without protection cover: | 300x150x400mm |
| Material: | Polyethen |
| Ingress protection: | IP66 |