



## Watercress<sup>®</sup> 4

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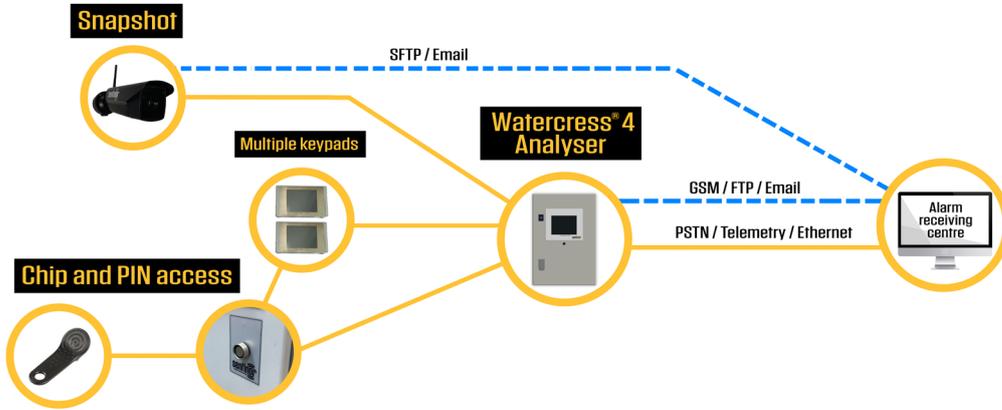
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# WaterCress<sup>®</sup> 4

## Fixed Infrastructure Protection

- Sequential alarm
- Audio verification
- Image verification
- Mains or solar powered options
- Entry/Exit timer capability

The WaterCress 4 Analyser is Sentinor’s latest development in WaterCress alarm systems, protecting fixed infrastructure through the use of advanced alarm sensor technology. WaterCress 4 is simple to operate, with automated system settings, user controlled set/unset and entry/exit capabilities.

WaterCress 4 is able to make use of multiple comms paths including GSM, Telemetry and IP. Being IP enabled allows WaterCress 4 systems to make use of technologies such as local IP cameras to capture images and file transfer to send event data over the internet directly to Sentinor’s Data Collection Server for viewing in a control Room.

Using chip and PIN access technology, site operators are able log into WaterCress 4 systems using their own unique key fob and PIN. WaterCress<sup>®</sup> 4 records log on/off events for each operator, sending those events to the specified control room, increasing user traceability.

WaterCress 4 systems can be connected to any local IP cameras, or Sentinor’s Thermal Snapshot solution to capture images when alarm events are triggered. Images are sent via file transfer to Sentinor’s Data Collection Server and displayed within the FlightDesk 2017 Alarm Management System alongside the alarm event, allowing control room operators to quickly and easily classify the cause of alarm.

A touchscreen graphical user interface is built into the Analyser to allow quick and easy configuration and site status overview. The WaterCress 4 system enables the use of multiple touchscreen keypads, allowing the site operator to log in, view and control the system from multiple remote locations on a site.

### Features:

- IP, GSM and Telemetry communication paths
- Secure chip and PIN access control
- Programmable user access levels
- Traceability of user access
- Multiple remote keypads
- IP camera connectivity
- Touchscreen (GUI)





## WaterCress<sup>®</sup> 4 Access Control System

Fixed Infrastructure Protection

The WaterCress 4 Access Control System is a unique login system that uses chip and PIN style technology. The system allows users to easily log onto WaterCress 4 Analysers using their own unique pre-programmed iButton and PIN.

Each iButton is unique to a user and can be configured with a username and access PIN code.

Readers are mounted on the front of WaterCress 4 Analysers, a user can simply press their iButton on the reader and enter their PIN to gain access to the system.

iButtons can be programmed and issued to users using Sentinor's Site Operator Management software, allowing configuration of usernames, access PIN codes and access levels.

Sentinor's Site Operator Management software can also be used to remotely remove a users access from WaterCress 4 systems, barring any access using their iButton.

WaterCress 4 systems record each user access event. When a user accesses a WaterCress 4 Analyser using their iButton, their username is read from the key and is recorded within a timestamped user logon event.

User access events are also sent out of the system via SMS, messages include their username and a timestamp, allowing for increased traceability of user access.

### Features:

- Secure chip and PIN style access
- User information stored on iButton
- Unique iButton for each user
- Traceability of user access
- Programmable user access levels
- Reduced log on time
- Simple system log on
- Remote barring of users
- User management software package



# WaterCress® 4

## Site Operator Management

Fixed Infrastructure Protection

The Site Operator Management software is Sentinor's unique iButton management software. Displayed within a user friendly interface, the tool enables easy configuration and issuing of iButtons to site operators accessing WaterCress 4 systems.

Working with the iButton programmer, the software allows easy programming of usernames, PIN codes and user access levels. With read and write functionality included, data can be read from any Sentinor iButton, edited and rewritten, allowing a user's iButton information to be reconfigured at any time.

With user data stored not only on the iButton but also within a database, the software is able to keep track of all users issued with iButtons, including their usernames and access levels, making user management easy. When used alongside Sentinor's Data Collection Server, the management software can also be used to bar iButtons, remotely blocking users from logging into WaterCress 4 systems.

### Features:

- User iButton management
- Configure iButton username
- Configure iButton PIN
- Configure iButton access level
- Manage iButton configurations
- Manage issued users
- Remotely bar users
- Secure user login
- Simple user iButton management

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