

# Hawk System upgrade notice

2011-04-11

## I. New feature

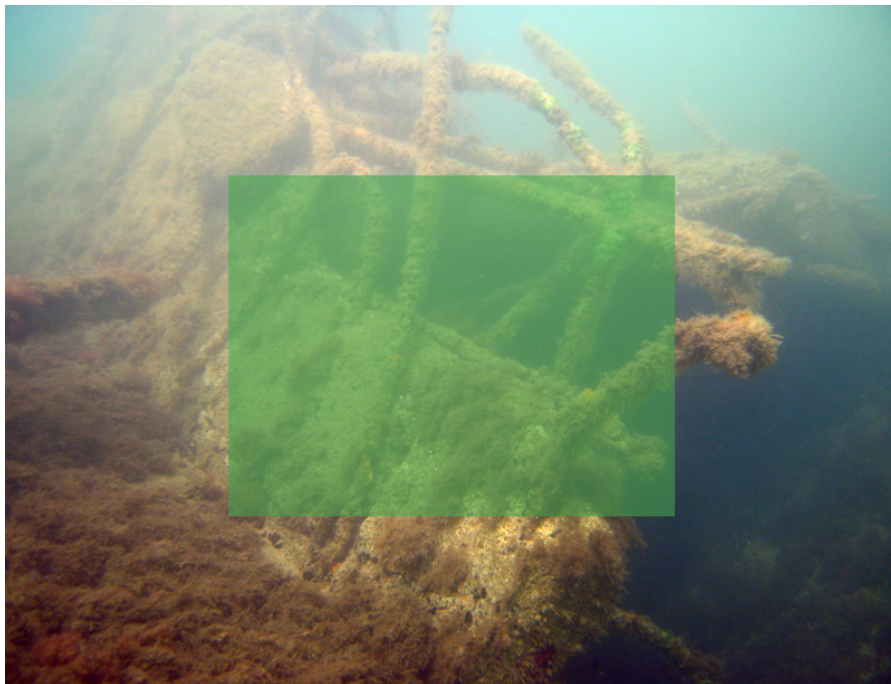
Hawk System units with

1. Hawk board FPGA software versions after 2011-03-06
2. Controller software after 2011-03-18 (including)

include a new inverted window possibility. An inverted lynnification window means that the image area outside a specific rectangle is processed.

This feature has previously been available in the Hawk Board and Hawk Portable product lines. All Hawk System units shipped after 2011-04-01 include the new functionality.

An example of an inverted size 5 and position 5 setting is presented below



*Figure 1. Position & size of a selected image area*

## 2. Other updates

The lynnification scale has been adjusted slightly for lynnification values 7 and 8. This is done to simplify future development of Hawk features. Visual effects due to the adjusted scale might be visible, to the trained eye, in some specific lighting conditions.

The web pages, used for web browser control, have been updated to include the new inverted window setting.

## 3. Upgrade your Hawk System unit

### 3.1 Upgrade requirements

Hawk System 1 units with one of the following serial numbers can be upgraded

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37068003	37068009	37068013	37068014	37068015	37068017
37068018	37068019	37068020	37068021	37068022	37068023
37068024	37068025	37068026	37068027	37068028	37068029
37068030	37068031	37068032	37068033	37068035	37068036
37068037	37068038	37068038	37068042	37068043	37068044
37068045	37068046	37068047	37068048	37068049	37068050
37068051	37068052	37068053	38320001	38320002	38320003
38320004	38320005	38320006	38320007	38320008	38320009
38320010	38320014				

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### 3.2 Upgrade procedure

This upgrade can only be done by LYYN AB in Lund, Sweden.

LYYN is offering this upgrade free of charge until June 30, 2011. Customers who want to take advantage of the upgrade offer should

1. Contact [support@lyyn.com](mailto:support@lyyn.com) and supply the serial numbers of the units. Shipping instructions will be returned.
2. Ship the unit(s) to LYYN AB. **Shipping TO LYYN is paid by the customer.** Ship only the unit itself and **not** power supplies etc.

LYYN will perform the upgrade and return the unit(s) to the customer. **Shipping TO the customer is paid by LYYN.**