

ROV Downunder Presents:-

LYNN TECHNOLOGY VIDEO ENHANCEMENT TECHNOLOGY



Tired of poor video quality? Spending operational time 'waiting on viz?' Missing the detail?

LYNN is an R&D company working with image enhancement for improving visibility in different industries. Behind the company's technology lies many years of research in the human vision system and image technologies.

LYNN offers products and solutions based on a technical platform, V.E.T., Visibility Enhancement Technology. The platform works with digital still images and video from common colour cameras, in real time, but also in post processing of stored material. V.E.T. improves visibility in for instance fog, haze, snow, rain, dust, darkness, etc. as well as in subsea and medical applications.



For subsea examples please visit

<http://www.rovdownunder.com/articles/lyynvideo.html>



The true power of LYNN T38™ is that the visibility enhancement is done in real-time in a live video stream and can also be used on stored material. Use the LYNN T38™ to enhance the feed from a ROV video system or to enhance a video tape in a camera brought back to office after fieldwork, wherever you need to see more with video.

The LYNN T38™ is easy to use, connect it in-between the camera and a monitor, TV set or VCR and you are up and running. With controls for enhancement level and size and position of a rectangular selection of the scene you can always make sure to catch the object on film and see it.

If you need visibility aid in the field you connect the LYNN T38™ in-between your camera and an external screen. The screen will show enhanced visibility real-time, helping you to zoom and focus on the right object.

The pictures speak for themselves, in any situation where you need a clear view, below or above the sea, you need LYNN T38™.

For subsea examples please visit <http://www.rovdownunder.com/articles/lyynvideo.html>

LYYN System Options

The T38—Single Channel

The LYYN T38™ is easy to use. Connect it in-between the camera and a monitor, TV, VDR and you are up and running. With controls for enhancement level and size and position of a rectangular selection of the scene you can always make sure to catch the object on film, and see it.

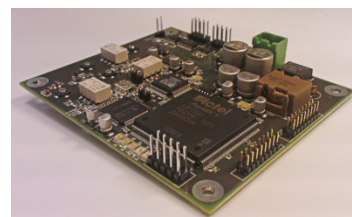


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The Hawk System - 'The LYYN-inside solution'.

The LYYN Hawk Board™ is the ideal solution for advanced users, product manufacturers and system integrators that want to have LYYN-ification fully integrated into their own solution. Some feature highlights:

- PAL or NTSC video, autosensing, micro connectors on the board
- S-Video (separate luminance and chrominance)
- Direct Analog Bypass when unit is powerless
- Two control ports, one for control panel (a standard panel included) and one for software control through a RS interface.
- Power consumption 100 mA (1.2W)



A thin "membrane" panel is included with the LYYN Hawk Board™. It can be mounted and sealed to a flat surface with an adhesive. If the application requires a water tight seal LYYN™ recommends some extra mechanical mounting, like clamping or screws. The panel is connected to the LYYN Hawk Board with a flat cable (included).



The Eagle System - One viewer - many cameras.

By installing it with a video switch (not provided by LYYN) it is possible to LYYN-ify the whole system. The operator can choose and switch any camera through the unit, providing LYYN-ification wherever it is needed.

Cost efficient - Instead of installing more enhanced cameras you only need one LYYN Hawk System per simultaneous viewing channel. A simple system upgrade bringing a powerful result to the whole system.



Single or dual channel

LYYN Hawk System comes in two different configurations, single or dual video channels. This means that you can save rack space and money if you need more than one simultaneous viewer in your system.

Video standards

PAL 625-line 25 fps or NTSC 525-line 30 fps, auto sensing of format. Standard composite or S-video (separate luminance and chrominance), with BNC connectors.

Video synchronization

LYYN Hawk System has three video synchronization options. Either the video output is synchronized to video input or through an external synchronization signal on a separate BNC connector and, by also controlling the delay, the board will deliver a Time Based Corrected signal.



For subsea examples please visit <http://www.rovdownunder.com/modules/AMS/article.php?storyid=15>

For pricing and more information contact:-
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