LYYN HAWK SYSTEM™

The real-time lyynification™ solution for analog CCTV systems

19” rack-mounted visibility enhancer

LYYN Hawk System is a real-time standard 19” rack-mount lyynification unit.

One viewer - many cameras

By installing the LYYN Hawk System together with a video switch it is possible to lyynify the whole system. The operator can choose and switch any camera through the unit, providing lyynification 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, with 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, autosensing of format. Standard composite or S-video (separate luminance and chrominance), with BNC connectors.

Video synchronization

LYYN Hawk System has three video synchronization modes. The video output can be synchronized to the video input, an external synchronization signal on a separate micro connector can be used or an Time Based Corrected signal can be obtained by controlling the delay.

Simple integration

LYYN Hawk System is controlled remotely. It can be easily integrated into operator consoles through three different control interfaces:

- RS 232
- USB 2.0
- Ethernet (RJ45) either using Telnet or an internal web server

Available settings	
Lyynification™	Video
level window position window size	saturation hue brightness contrast sharpness

Power

External power adapter: 12 V DC / AC, 1A

Operating conditions

Temperature: 0 — 50 °C (32 — 122 °F)
Humidity: 0 — 80% RH (non-condensing)

Dimensions and weight

Depth: 165 mm Width: 483 mm Height: 42 mm
Weight: 2100 g excluding power adapter

Approvals

EU standards:
EN55022 Class B
EN55024
EN61000-3-2
EN61000-3-3

US Standards:
FCC Part 15 Subpart B Class A

More information

For more detailed information please visit our web site:
www.lyyn.com

US Patent No. 8,023,730 and equivalent patents and patent applications in other countries.

LYYN®
we give you a clearer vision

Want to see what we see?

Enhancing Visibility in Real-time!

The technology

It is called LYYN (V.E.T) Visibility Enhancement Technology. Visibility is enhanced in real-time in fog, dust, lowlight, snow, smoke, subsea, etc.

LYYN works on images and video from normal color cameras, but can also be used in processing saved material.

Imagine the possibilities.

The pictures below are just still pictures that we have enhanced. The true power of LYYN is that this can be done in real-time in a live video stream, digital or analogue. This could have been the feed from a surveillance camera in a video security system. Air traffic control, for instance, would have a better view of the airfield. They might even see that a plane is going down the wrong way in the fog...

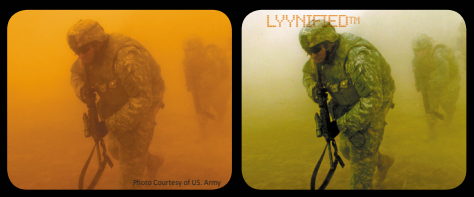
It is not magic.

It is mathematics, based on the knowledge of how the human brain interpret information from the eyes.

Low cost.

As LYYN can be integrated into existing systems as a "turbo charger", no expensive upgrade of complete systems is required.

FOG & HAZE – LYYN gives you a clearer vision



DUST – LYYN gives you a clearer vision

LOW LIGHT – LYYN gives you a clearer vision

SNOW – LYYN gives you a clearer vision

SMOKE – LYYN gives you a clearer vision

SUB SEA – LYYN gives you a clearer vision

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