

LYYN HAWK SYSTEM™

The **real-time** lynnification™ solution
for analog CCTV systems

19" rack mounted visibility enhancer



*LYYN Hawk System is a
real-time standard 19" rack
mount lynnification unit.*

One viewer - many cameras

By installing it with a video switch (not provided by LYYN) it is possible to lynnify the whole system. The operator can choose and switch any camera through the unit, providing lynnification 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 two video synchronization options. Either the video output is synchronized with an internal clock or through an external synchronization signal on a separate BNC connector.

Simple integration

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

- RS 232
- RS 485
- USB 2.0
- Ethernet (RJ45) either using Telnet or internal web server

Available settings	
Lynnification™	Video
level	saturation
selection position	hue
selection size	brightness
	contrast
	sharpness

Power

External power adapter: 12V 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: 2100g excluding power adapter

Approvals

EU Standards:
EN 55022 Class B
EN 61000-3-2
EN 61000-3-3
EN 55024

US Standards:
FCC Part 15 Subpart B Class A

More information

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

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.



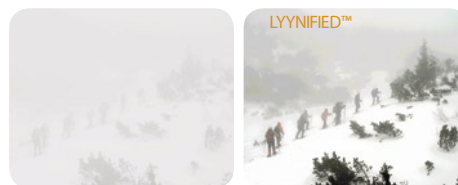
FOG & HAZE – LYYN gives you a clearer vision



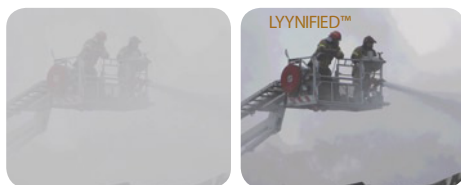
DUST – LYYN gives you a clearer vision



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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