



## LYYN HAWK PORTABLE

Portable and Easy-to-use Solution  
for Real-time Analog Video



Nuclear  
Power



Homeland  
Security  
& Defense



Industrial and  
Manufacturing



Healthcare



Labs and  
Education

### OVERVIEW

Mirion Technologies now brings advanced image enhancement to industrial applications. The Hawk Portable unit enhances the live feed from a camera in any existing analog color video system. Whether it is to enable you to see more in situations with less than optimal visibility conditions, (subsea or outdoor surveillance video) or to enhance recorded video after a survey, the Hawk Portable provides a simple but powerful solution. Designed for real portability, with a solid aluminum casing and large control knobs, and running on 12V DC.

Ready to use once connected between the camera and a monitor or Recorder, with no complicated installation, no advanced configuration, no onscreen menu trees... just plug in, turn on and see more.

Large knobs to enable control of enhancement level and size and position of a rectangular selection of the scene. With this simple, manual interface you can focus on your tasks with the best possible visibility in your video system.

Besides being a manual enhancement tool it is possible to control the Hawk Portable remotely over a standard RS232 serial interface.

### KEY FEATURES

- Suitable for desktop as well as in the field applications
- Can be integrated into existing systems as a 'turbo charger', with no expensive upgrade of complete systems required
- Compatible with PAL and NTSC analog video formats. Works with all Mirion analog camera systems, as well as those from other manufacturers.
- A stand-alone solution, but with the flexibility to be integrated into your own control platform by using simple ASCII text-based commands.



## SPECIFICATIONS AND PERFORMANCE

<b>Video Standards</b>	PAL 625-line 25 fps or NTSC 525-line 30 fps, autosensing of format
<b>Power</b>	Nominal input voltage: 12 V DC, 0.2 A. External power adapter: 220/110 V Ac
<b>Operating Conditions</b>	Temperature: 0 - 50 °C (32 - 122 °F) Humidity: 0 - 80% RH (non-condensing)
<b>Dimensions</b>	54 mm H x172 mm W x184 mm D
<b>Weight</b>	925 g, excluding power supply
<b>Approvals</b>	CE



Fog and Haze



Low Light



Smoke

Visibility is enhanced in real-time in fog, dust, low light, snow, smoke, subsea, etc. The Hawk Portable takes images and video from normal color cameras and can also be used in processing saved material.

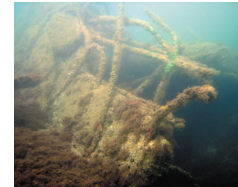
The pictures below show how the enhancement improves images, which can be achieved in real-time in a live video stream, digital or analog, which could have been fed from a surveillance camera in a video security system.



Dust



Snow



Sub Sea

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