



CRYSTALCAM

IMAGING INC.

High quality video can be difficult to capture due to adverse conditions such as low light, dust, rain, snow, fog, smoke and turbid water. Helios™, Crystal Cam's real-time video image enhancement system, automatically corrects these visibility issues and substantially improves image clarity, brightness and edge emphasis. The Helios™ platform exposes new video image details that escape the naked eye, so you can see better.



SPECIFICATIONS

Hardware Connectors

- 1 x Serial port video input
- 1 x Serial port video output
- 1 x USB-B interface (for software based control)

Supported Video Standards

Analog, PAL or NTSC

Hardware Casing

High density plastic case with LEDs and membrane buttons

Accessories Included

5 V power supply, PC software, USB cable and driver

Supported Operating Systems

Windows XP or newer

HARDWARE CONTROLS

- Clarity** Auto, On and Off
- Brightness** Increase (+) / Decrease (-)
- Edge Emphasis** Increase (+) / Decrease (-)
- Window Mode** View enhancement in Half, Middle or Full image window

SOFTWARE CONTROLS

Adjustment Slider

- Clearance A Clearance B Brightness
- Edge Emphasis Pre Gamma UV Strengths
- Noise Suppression Response Time Video Enhance

Port Selector:

Connect / Disconnect

Video Process:

Enable / Disable

Clearance Manual:

Auto / Manual

Windows Mode:

Half / Middle / Full

Update / Restore Default

Post Filter En

KEY FEATURES

Optimize Multiple Video Sources: Enhance real-time video feeds or previously saved files

Backwards Compatible: Integrates with new and existing controllers / cameras

Integrates with Your Equipment: User guide designed for successful DIY integration

USB 2.0 Device: Easily connects to your Windows based PC

APPLICATIONS

Poor visibility conditions in air and under water such as:

- Low Light
- Dust
- Rain
- Snow
- Fog
- Smoke
- Turbidity

BENEFITS

- Exposes hidden video image details
- Produces real-time actionable results
- Optimizes existing video files
- Reduces need for costly third party video software
- Reduces post production labour
- Requires minimal operator training
- Compatible with new or existing controllers
- Designed for easy integration



CRYSTAL CAM® Helios™



MORE INFORMATION

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