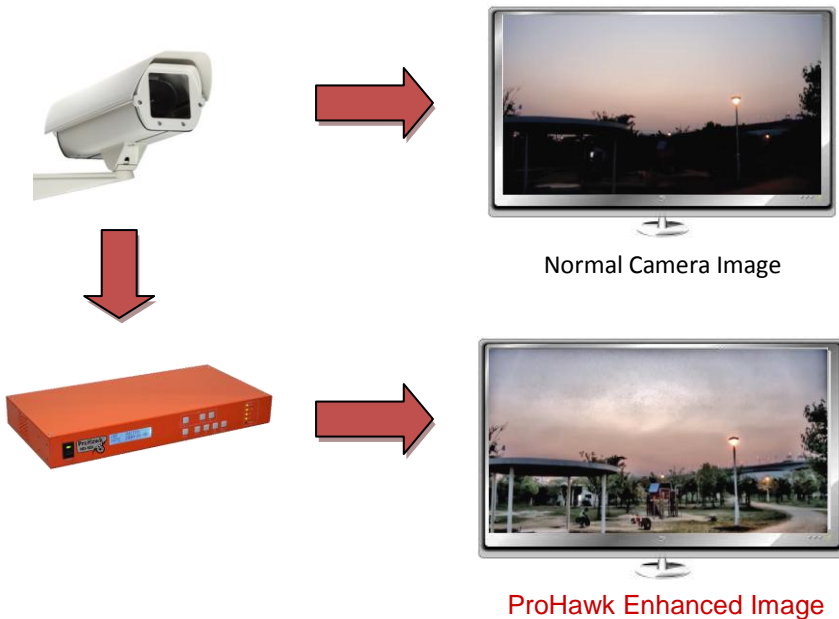




Powerful Real-Time Video Enhancement

What is ProHawk?

ProHawk is an innovative, patented next generation real-time video enhancement technology. ProHawk utilizes powerful processors and sophisticated software algorithms to enhance video images captured under challenging conditions - in **real-time**.



ProHawk Key Benefits

- Plug and Play
- Powerful Enhancement
- Works with Existing Systems
- Real-Time Performance
- Simple to Operate
- High ROI

What can ProHawk enhance?

The ProHawk solutions enhance many types of imagery including conventional video, high definition video, infrared, thermal and even medical images. ProHawk is effective for enhancing images impaired by:

- Low Light / Back Light / Glare
- Rain/Snow/Drizzle
- Sand Storm

- Fog / Mist / Haze / Dust
- Underwater
- Smog / Smoke

Where can ProHawk be used?

- Intelligence Security & Surveillance
- Critical National Infrastructure

- Transport & Traffic
- Maritime & Sub-Sea



E.R. PRECISION OPTICAL

805 W. Central Blvd., Orlando, Florida 32805

Phone: (407) 292-5395

Web: <http://eroptics.com>





ProHawk Outperforms all Competition!

Three reasons to choose ProHawk:

- 1. We support the highest levels of high definition video resolution**
HD, HD-SDI, 3G-SDI
- 2. Our sophisticated algorithms have widespread applications**
Support for all types of environmental conditions
- 3. ProHawk™ solutions use very powerful hardware**
Field Programmable Gate Arrays are 50 - 100 times more powerful than the CPU typically used by our competitors



ProHawk™ High Definition, HDMI/HD-SDI/3G-SDI

Input / Output	Video Signal	HD-SDI/3G-SDI	HDMI
	Input / Output	1 input 2 outputs 1 through	1 input via HDMI to HD-SDI adaptor 1 output
	Signal format	SMPTE259M/292M/424M	HDMI 1.4
	Connector	BNC	HDMI
	Resolution	1920 x 1080 – 60p/59.94p/50p/30p/25p 1280 x 720 – 60p/50p 720 x 480 – 60i/59.94i 720 x 576 – 50i	1920 x 1080 – 60i/59.94i/50i
Control	External control	RS232C RS422 Ethernet	
	Connector Type	Dsub9p(F) Dsub9p(M) RJ-45	
Panel	Push Button	DEF ON/OFF Color ON/OFF NR ON/OFF Image Capture Motion Capture ON/OFF	
Video Processing	Throughput	1/60sec for 1 frame on real-time	
	Delay time	20µ sec	
Capture	Media	SD Card SDHC (Max 32GB)	
	Record	Simultaneous frame capture of original and processed image, JPEG format	
Environment	Operating / Storage Temperature	Operating: 0°C to 55°C Storage: -20°C to 65°C	
	Operating Humidity / Storage	Operating: 10% to 80%RH, non condensing Storage: 5% to 95%RH, non condensing	
Power	Voltage / Current	DC12V ±10% 2A (24W)	
	AC adapter	100 to 240VAC 50/60Hz DC12V 40W	
Specifications	Dimensions and Weight	W: 350mm x D: 175mm x H: 43.7mm, 1 U Rack Mountable, 2.2 kg	

Want to find out more?

To find out more about what ProHawk could do for you,
please visit our website: www.eroptics.com or contact us at (407) 292-5395



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