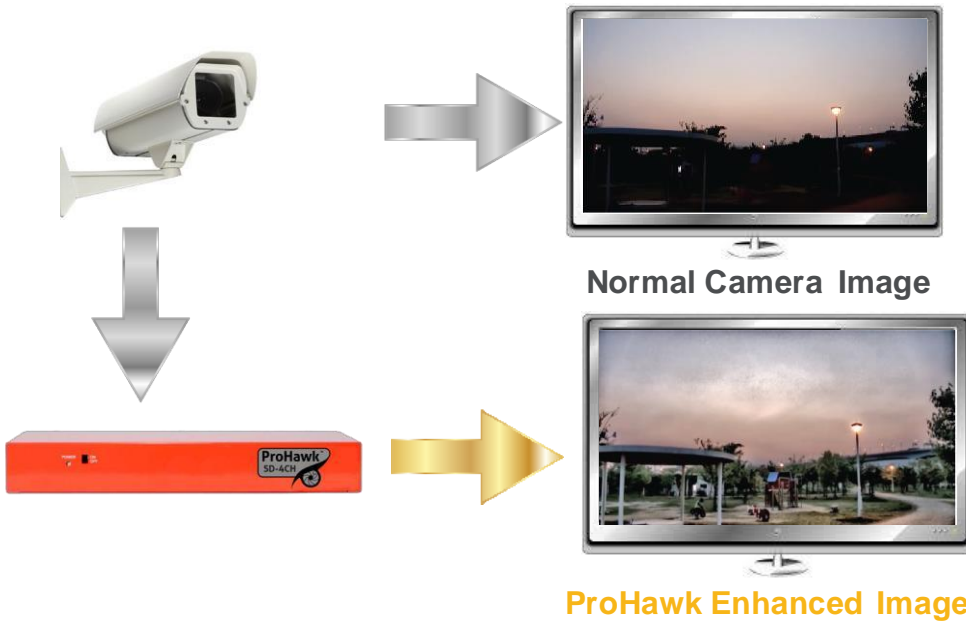




Powerful Real-Time Video Enhancement

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, infra-red, 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?

The ProHawk solutions are plug and play meaning they can be quickly and simply integrated into existing camera and imaging systems.

ProHawk has been utilized for:

- Intelligence, Security & Surveillance
- Critical National Infrastructure
- Transport & Traffic Management
- Maritime & Sub-Sea



ProHawk outperforms all competition!

Three reasons to choose ProHawk:

1. We support four concurrent channels of standard definition video resolution
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™ Standard Definition, 4CH, Analog

Input	Input Output	4 Channels (Concurrent Input)
	Format	NTSC-N/NTSC-M
	Type	Analog Composite
	Connector	BNC
Output	Output Image	4 Channels (Concurrent Output)
	Format	NTSC-N/NTSC-M
	Type	Analog Composite
	Connector	BNC
Video Processing	Throughput	Variable dependent on channel synch delay and processing options, typical 2-3 frames
Control	External Control	RS232C RS422 RS485 Ethernet
	Connector	D-SUB9p(F) Terminal R.1-45
Environment	Operating Storage Temperature	Operating: 0°C to 40°C Storage: -20°C to 65°C
	Operating Storage Humidity	Operating: 10% to 80%RH, non-condensing Storage: 5% to 95%RH, non-condensing
Power	Voltage / Current	DC12V 3.34A (40w Max)
	AC adapter	100 to 240VAC Full Range 47 to 63 Hi 40W - 45W
Specifications	Dimensions and Weight	W: 305mm x D: 191mm x H: 44mm, 1U Rack mountable, 1.8 kg

Want to find out more?

To find out more about what ProHawk could do for you, please visit our website: barnettandassoc.com or contact us at:

Phone: +1.224.325.5060

Email: prohawk@barnettandassoc.com

