

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

FROM IMAGES TO ANSWERS®

CoolSnap™-Pro$_{cf}$ Digital Kits

Out-of-the-Box Image Capture and Analysis Solution in MONOCHROME and COLOR

Overview

CoolSNAP-Pro$_{cf}$ Digital Kits combine Media Cybernetics' award-winning Image-Pro® Family imaging software with the high-resolution CoolSNAP-Pro$_{cf}$ color or monochrome digital camera to produce a fully integrated solution for image capture, archival, analysis, measurement, and reporting.

Don't risk valuable time and money by attempting to use poorly integrated software and hardware components. We have applied the knowledge and experience gained from the development of hundreds of capture drivers to fine-tune the CoolSNAP-Pro$_{cf}$ for maximum performance. Achieve image quality you may not have thought possible at a price that is easy on your budget.



CoolSNAP-Pro$_{cf}$ Camera Features

- 1392 x 1040 pixel resolution
- 20Mhz readout speed
- Fast digital preview typically at 10-12 frames per second, but can reach 15 frames per second in an optimized computing environment
- Monochrome cameras offer 12-bit dynamic range, 1.4 megapixel resolution, and up to 8x8 binning
- RS-170 output available for more demanding preview needs (supports autofocus and Z controllers)
- 12-bit chip, cooled 5˚C below ambient
- Choice of Bayer color or monochrome camera
- Color cameras provide independent auto exposure options for one, two, or all three color channels

CoolSNAP-Pro$_{cf}$ Digital Kit Benefits

- Sequential image capture allows for time, motion, or volume studies
- Fast installation and setup – software, camera driver, camera, interface card, and cable are fully integrated
- Ideal for brightfield or fluorescence applications - includes built-in default and user definable camera setup files to quickly switch between configurations
- Capture and processing can be automated when used with Image-Pro Plus' macro commands
- Scope-Pro® Plug-in module can be added to control your stage and microscope accessories

CoolSNAP-Pro$_{cf}$ CRI Micro*Color Filter Kit

- Combines monochrome CoolSNAP-Pro$_{cf}$ camera with CRI Micro*Color Filter RGB Filter to provide option of using gray scale or color images
- Fully integrated Image-Pro driver
- 3-Shot color accuracy
- Filter slides for mono capture
- Built-in .65x Optical Coupler creates large field of view

FROM IMAGES TO ANSWERS®

CoolSNAP-Pro$_{cf}$ Camera Specifications

FEATURE	CoolSNAP-Pro$_{cf}$ Color Camera	CoolSNAP-Pro$_{cf}$ Monochrome Camera
CCD Sensor	Sony ICX205 with Bayer color mask	Sony ICX205 monochrome version
CCD Type	Interline, progressive scan	Interline, progressive scan
CCD Format	1392 x 1040, 4.65 micron pixels	1392 x 1040, 4.65 micron pixels
Digitizer	12-bit @ 20MHz w/ Primary Point Dig(tm)	12-bit @ 20MHz w/Primary Point Dig(tm)
Cooling	TEC cooled to 5 degrees below ambient	TEC cooled to 5 degrees below ambient
Interface	PCI interface card	PCI interface card
Camera Power	Provided by interface card	Provided by interface card
Readout modes	B/W focus and color	Region of interest and 2x2 binning
Dark Current	< 2 e/p/s @ 20°C	< 2 e/p/s @ 20°C
I/O	TTL expose out, RS-170 out	TTL expose out, RS-170 out
Dimensions	4.5" x5"x2.5" (1.9 lbs)	4.5" x5"x2.5" (1.9 lbs)
Software interface	Image-Pro driver	Image-Pro driver
Shutter	Electronic shutter	Electronic shutter
Camera window	IR blocking window (700nm cutoff)	Broadband window
Safe C-mount depth	0.47 in. (11.9 mm)	0.47 in. (11.9 mm)
Flange focal distance	0.69 in. (17.5 mm)	0.69 in. (17.5 mm)

Bundled with Image-Pro Software

The Image-Pro Family software series reflects the maturity of over 20 years of development, evolution, and user feedback. Our products are backed by an experienced team of software and imaging professionals. Every part of our products, from the interface to individual measurements, is tested for reliability and functionality.

Image-Pro EXPRESS

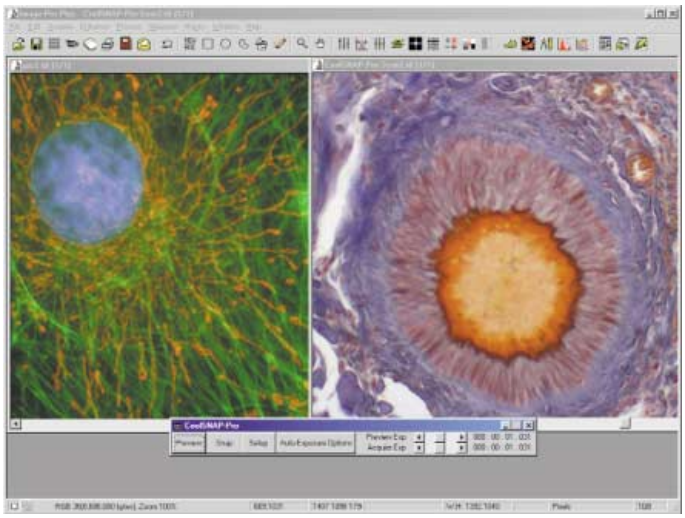
Image-Pro® Express
Perfect for basic imaging or for image capture stations, Image-Pro Express offers numerous capture and enhancement options. Includes an easy upgrade path to Image-Pro Discovery or Image-Pro Plus.

Image-Pro DISCOVERY

Image-Pro® Discovery
More advanced than Image-Pro Express, Image-Pro Discovery offers added measurement and analysis capabilities. Includes an easy upgrade path to Image-Pro Plus.

Image-Pro PLUS

Image-Pro® Plus
The ultimate imaging software package, Image-Pro Plus includes all of the functionality of Image-Pro Discovery along with added analysis tools and the ability to write customized macros and plug-ins.



Quickly capture high-resolution images with the CoolSNAP-Pro$_{cf}$ *camera and analyze with easy-to-use Image-Pro software*

Our Worldwide Dealer Network is There to Assist You. For a Dealer In Your Area, Contact us Today!

CoolSNAP-Pro$_{cf}$ DIGITAL KIT
An Integrated Solution

MediaCybernetics
From Images to Answers®

Media Cybernetics, Inc.
8484 Georgia Avenue, Suite 200
Silver Spring, MD 20910 USA
Phone: +1.301.495.3305
Fax: +1.301.495.5964
Email: info@mediacy.com
Web: www.mediacy.com

South America: Phone: +55.11.4427.7803
Fax: +55.11.4427.9527

Europe: Phone: +31.715.730.639
Fax: +31.715.730.640

Asia Pacific: Phone: +65.6245.4965
Fax: +65.6245.4967

©2002 Media Cybernetics. All trademarks and registered trademarks are property of their respective owners.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP