

Auto-Pro™

**THE BUILT-IN TIME-SAVING
AUTOMATION CAPABILITY
COMES STANDARD WITH
IMAGE-PRO PLUS**

GET THE EXTRA MACRO FACILITY YOU NEED TO CUSTOMIZE IMAGE-PRO PLUS... AT NO EXTRA COST!

What could be better than having the power of Image-Pro Plus at your fingertips? Having the power to automate routine procedures and customize Image-Pro's interface to meet your specific needs. That's exactly what Auto-Pro does. And because it's built into Image-Pro Plus, there's no added cost—just added benefits!

All the functionality of Image-Pro Plus is available through Auto-Pro, a set of more than 300 Image-Pro Plus functions. Auto-Pro makes it easy for non-programmers and programmers alike to tailor Image-Pro Plus to meet specific imaging needs. You can record macros—translating a sequence of commands into a set of written instructions—and then play them back whenever they're needed. Or further automate these macros by adding loops, branches, queries, and other programming commands that let you specify when and how often the actions are performed.

AUTO-PRO CONSISTS OF:

The Auto-Pro Function Set—Auto-Pro functions are used to perform a series of Image-Pro Plus commands. For example, the `IpF1Sobel` function performs a Sobel filtering operation, and the `IpLutReset` function resets the Lookup Table. These functions are written to a script file when a macro is recorded, and are "called" when the macro is played back. Auto-Pro functions can also be called from your own Visual Basic programs, allowing you to add the image-processing power of Image-Pro Plus to your own programs.

Image-Pro BASIC (IPBASIC)—IPBASIC is the interpreter built into Image-Pro Plus. When an Image-Pro Plus command is recorded, it is written as a BASIC call to the appropriate Auto-Pro function.

AUTO-PRO ALLOWS YOU TO:

- ▶ Compress frequently used or lengthy operational sequences of Image-Pro Plus commands into a single keystroke (or mouse click)
- ▶ Record sequences and play them back in 100% Visual Basic™ syntax
- ▶ Build custom applications that meet your specific imaging needs
- ▶ Call Image-Pro Plus functions from your own program

FOR GREATER SPEED AND A MORE POWERFUL INTERFACE, USE VISUAL BASI

To achieve increased performance and functionality, you can also include Auto-Pro functions in a Visual Basic program. Visual Basic is a complete software development environment from Microsoft® that lets you create Windows™ applications quickly and easily. The ability to use Auto-Pro commands in a Visual Basic program allows you to:

- ▶ Create a tailored user-interface
- ▶ Provide support for a unique external device
- ▶ Add custom operations
- ▶ Develop custom tool-bars and dialog boxes

Image-Pro PLUS™

The Proven Solution

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