

Description

The OptoDriver Toolkit—Mistic I/O and Optomux—provides the tools you need to build custom PC-based control and SCADA solutions using Opto 22 I/O systems. With the OptoDriver Toolkit, you can write Microsoft® Windows® and DOS software applications that talk directly with the Opto 22 brain board, rack, and I/O combination that best fits your application. And you can develop these applications using high-level languages, such as Microsoft Visual C++ or Microsoft Visual Basic®.

The OptoDriver Toolkit—Mistic I/O and Optomux—is a CD-ROM-based product. The Toolkit contains the drivers, examples, and documentation necessary for direct communication between application programs running on a PC and Opto 22 I/O systems using Mistic I/O and Optomux protocols.

The Toolkit provides 32-bit and 16-bit Microsoft Windows drivers as well as Opto 22's Classic DOS drivers, which support most of Opto 22's I/O product line (SNAP, Brick, and Classic I/O hardware families). Examples are included for Visual Basic and Microsoft Visual C++. Documentation includes tips for using the drivers as well as the complete command reference in both online help and PDF file formats.

NOTE: The following drivers are not included in the Toolkit, but are available FREE from our Web site at www.opto22.com:

- Drivers for connecting to an Opto 22 controller
- Drivers for connecting to I/O using Ethernet

- Drivers for connecting to I/O using the Pamux protocol
- Drivers for connecting directly to I/O using an AC5 or G4AC5 adapter card.

The following table lists the Opto 22 brains you can communicate with using the OptoDriver Toolkit. The table also shows the protocol each brain uses.

Brain	Protocol
B1	Optomux
B2	Optomux
B100	Mistic
B200	Mistic
G4A8R & extender	Mistic
G4D16R or G4D32RS	Mistic
G4HDAR	Mistic
SNAP-B3000	Mistic or Optomux*
SNAP-BRS	Mistic

*If you are deciding whether to use Mistic or Optomux, Mistic is preferable. Mistic has higher resolution and an expanded command set.

