

GS4-Specific Optional Accessories – GS4 Drive Configuration Software

Optional Accessory Software Applicable Only to GS4 AC Drives

GSoft2 Drive Configuration Software – Available for *FREE* Download

GS4 DURA <p>PULSE</p> Drives GSOFT2 Drive Configuration Software			
Part Number	CD Price*	Description	For GS Drive
GSOFT2	\$9.00	Drive Configuration Software for GS4 AC drives	GS4 – all
* GSOFT2 can be downloaded for free or purchased on CD from AutomationDirect.com (search for GSOFT2).			

GSOFT2 GS4 Drive Configuration Software

GSoft2 is the configuration software for the Automation Direct GS4 family of drives. It is designed to allow you to connect a personal computer to drives in the GS4 family, and perform a variety of functions.

GSoft2 includes an integral help file with software instructions. GSoft2 can be downloaded for free or purchased on CD from AutomationDirect.com (search for GSoft2).

FUNCTIONS

- Create new drive configurations
- Upload/download drive configurations
- Edit drive configurations
- Archive/store multiple drive configurations on your PC
- Trend drive operation parameters
- Tune the drive PID loop
- View real time key operating parameters
- Start/Stop drive and switch directions, provided drive is set up for remote operation
- View drive faults

Computer System Requirements

GSoft2 will run on PCs that meet the following requirements:

- Windows OS: **Z**: 32 & 64 bit, **8**: 32 & 64 bit, **8.1**: 32 & 64 bit, **10**: 64 bit
- Internet Explorer 9.0 or higher (for HTML help support)
- 32 Mb of available memory
- 10 Mb hard drive space
- Available USB port (for USB-485M USB-to-RS485 converter)



GS4-Specific Optional Accessories – GS4 PLC Programming Software

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GSLOGIC Drive Configuration Software – Available for *FREE* Download

GS4 DURAPULSE Drives GSLogic PLC Programming Software			
Part Number	CD Price*	Description	For GS Drive
GSLOGIC	\$9.00	Windows PLC Logic Software for GS4 AC drives	GS4 – all
* GSLOGIC can be downloaded for free or purchased on CD from AutomationDirect.com (search for GSLOGIC).			

GS4 PLC Summary

The GS4 drive includes a built-in PLC. Programmed in ladder logic, the GS4 PLC provides a comprehensive set of instructions and 10,000 steps of programming capacity. GSLogic PLC software includes a Help File which contains the detailed information needed to use the PLC.

The PLC functionality is included with every GS4 drive, and can be accessed over communications by external PLCs (over serial Modbus), or by the drive (using built-in PLC instructions). The GS4 PLC is perfectly suited for PLC applications, where digital and analog I/O requirements are small. For applications with complex PLC programming or large I/O requirements, please consider Click, Productivity, or Do-More/BRX. All of these PLCs can be easily integrated with the GS4 drive or PLC. The keypad of the GS4 is capable of storing multiple PLC programs.

There are two methods for communicating with the GS4 PLC. The first method is to use the WPR and RPR instructions available in the PLC's library. These two instructions can read from or write to any GS4 AC drive parameter in the same physical drive. The second method is to use Modbus RTU. The PLC is a Serial Modbus slave only. A Modbus RTU master can communicate with the PLC via serial only; the GS4 Modbus TCP and EtherNet/IP communication cards cannot address the PLC. If the or EtherNet/IP cards are the desired method of communication, the GS4 includes PLC Buffers parameters that can be used. Simply write the needed information from the PLC into the drive's PLC buffer parameters using the WPR instruction. The Modbus TCP or EtherNet/IP cards can then read the VFD parameters.

GSLogic Introduction

GSLogic is the GS4 drive PLC programming software for the AutomationDirect GS4 family of drives. It is designed to enable you to perform a variety of GS4 PLC programming functions. Windows editing functions like cut, copy, paste, multiple windows, etc., are supported. GSLogic also provides for register editing, settings, file reading, saving, online monitoring settings, and other convenience functions, such as:

- Upload/download GS4 drive PLC program files to the onboard PLC
- Create new GS4 drive PLC programs
- Edit GS4 drive PLC programs
- Archive/store multiple drive PLC programs on your PC or the GS4 drive keypad
- Control GS4 drive PID loops (FPID instructions)
- View in real time all GS4 PLC registers
- Print GS4 drive PLC program files

GSLogic includes an integral help file that includes software instructions, how to use GSLogic, and how to use the GS4 PLC.

GSLogic System Requirements

GSLogic is a Windows-based programming software environment. Please check the following requirements when choosing your PC configuration:

- Windows OS: **Z:** 32 & 64 bit, **g:** 32 & 64 bit, **g.I:** 32 & 64 bit, **1Q:** 64 bit
- SVGA 1024x768 pixels resolution (1280x1024 pixels resolution recommended)
- 300MB free hard-disk space
- RAM: Windows 7 & higher
 - with GUI version 2.0.0.x or higher; RAM = 2GB memory (4GB recommended)
 - with GUI version 1.10 or lower; RAM = 512MB free RAM (1GB recommended)
- USB Port required for project transfer to GS4
- USB-485M serial adapter required

