

**Genesys+ Drivers, GUIs and Manuals for Web Site (Version 1.9)**

Rev.  
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**Drivers and GUIs**

|   | Rev.    | RS-232 / 485 | IEEE (GPIB) | USB | LAN | Modbus TCP | EtherCAT |
|---|---------|--------------|-------------|-----|-----|------------|----------|
| Genesys+ NI LabVIEW Driver for LabVIEW 2018 | 1.2.0   | +            | +           | +   | +   |            |          |
| Genesys+ Waveform Creator                   | 1.1.0   | +            | +           | +   | +   |            |          |
| Genesys+ Virtual Front Panel                | 1.3.2   | +            | +           | +   | +   |            |          |
| Genesys+ Modbus TCP Virtual Front Panel     | 1.0.0   |              |             |     |     | +          |          |
| Multi-Model Communication                   | 1.0.0   | +            |             | +   |     |            |          |
| USB driver 32-bit                           | 1.0.1.4 |              |             | +   |     |            |          |
| USB driver 64-bit                           | 1.0.1.4 |              |             | +   |     |            |          |
| IVI-COM and IVI-C Drivers                   | 1.0.1   | +            |             | +   | +   |            |          |
| EtherCAT Slave Information File (ESI)       | 2.012   |              |             |     |     |            | +        |
| TCP Socket Client                           | 1       |              |             |     | +   |            |          |
| TCP Socket SC Cmd Line                      | 1       |              |             |     | +   |            |          |
| VXI-11                                      | 0       |              |             |     | +   |            |          |

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**User Manuals**

|   | Rev. |
|---|------|
| Full-Rack Safety and Installation                 | E    |
| Genesys+ 1kW ~ 15kW                               | D    |
| Communication Installation and Applications Guide | G    |
| Modbus TCP  | B    |
| EtherCAT  | A    |

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**Required:**

LabVIEW Run-Time Engine 2018 64-bit  
NI-VISA Run-Time Engine 18.5  
NI-488.2 18.5

<http://www.ni.com/download/labview-run-time-engine-2018/7372/en/>  
<http://www.ni.com/download/ni-visa-run-time-engine-18.5/7974/en/>  
<http://www.ni.com/download/ni-488.2-18.5/7872/en/>

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**Definition:**

G+ Virtual Front Panel  
G+ Modbus TCP Virtual Front Panel  
G+ Waveform Creator  
Multi-Model Communication  
NI LabView Drivers  
IVI Driver  
USB Driver  
EtherCAT Slave Information File (ESI)  
Socket Programs  
VXI-11 Discovery

Multifunction application GUI (LOG, waveform, front panel).  
Modbus TCP Multifunction application GUI (LOG, waveform, front panel).  
The GUI creates profiles using advanced functions of Genesys+ series power supplies.  
Genesys+, Z+ and Genesys Series Multi-Drop communication GUI.  
Programming sub-VIs for National Instruments LabView.  
IVI is one of three different types of LabVIEW and LabWindows/CVI instrument drivers that National Instruments provides.  
The driver is required to allow communication via USB port.  
EtherCAT Slave Information File for Genesys+ Series  
Sample programs showing LAN communication for customers who do not use Windows OS or VISA hardware drivers.  
Simple utility that sends broadcast packets onto LAN network and checks for response from VXI-11 compliant instruments.  
The utility displays a list of detected instruments along with its IP and manufacturer identity information.

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| DWG. No. | IA761-39-01H |       |      |
| APPROVE  | CHECK        | ENGR. | DRAW |
|          |              |       |      |