

Supported Protocols for SoftPLC Gateway Models

As of 9/1/18

Protocol	Micro Gateway	Smart Gateway	Hardbook Gateway
ASCII (COMGENIUS)	Y	Y	Y
A-B Data Highway Plus (DH+)	n/a	Y requires SM-ABDH5/6	Y requires HB1/HB2/HB4- + ICO-PKTX/-PKTXD
A-B DF1 Ethernet (CSP/PCCC) Master (Client)	Y	Y	Y
A-B DF1 Ethernet (CSP/PCCC) Slave (Server)	Y	Y	Y
A-B DF1 Full Duplex Peer-Peer	Y	Y	Y
A-B DF1 Half Duplex Slave	Y	Y	Y
A-B RIO Master (Scanner)	n/a	Y requires SM-ABRIOM5/6	n/a
A-B RIO Slave (Adapter)	n/a	Y requires SM-ABRIOA5/6	n/a
EthernetIP Master (Scanner)	Y	Y	Y
EthernetIP Slave (Adapter)	Y	Y	Y
Modbus Serial Master	Y see note 1	Y see note 1	Y see note 1
Modbus Serial Slave	Y	Y	Y
Modbus TCP/UDP Master (Client)	Y	Y	Y
Modbus TCP/UDP Slave (Server)	Y	Y	Y
CAN/J1939	n/a	Y requires SM-CAN6	n/a
Enron ModbusTCP Master	Y	Y	Y
SDI-12 Sensorbus Master	Y requires SPBB-6DI2SP1AI	n/a	n/a
CANopen Master	n/a	Y requires SM2S-P + SPO-104X-COM	Y requires HB1/HB2/HB4- + SPO-PCIX-COM
CANopen Slave	n/a	Y requires SM2S-P + SPO-104X-COS	Y requires HB1/HB2/HB4- + SPO-PCIX-COS
DeviceNet Master	n/a	Y requires SM2S-P + SPO-104X-DNM	Y requires HB1/HB2/HB4- + SPO-PCIX-DNM
DeviceNet Slave	n/a	Y requires SM2S-P + SPO-104X-DNS	Y requires HB1/HB2/HB4- + SPO-PCIX-DNS
ProfiNet Slave	n/a	Y requires SM2S-P + SPO-104X-PNS	Y requires HB1/HB2/HB4- + SPO-PCIX-PNS
ASI Master	n/a	n/a	Y requires HB1/HB2/HB4- + SPO-PCIX-ASM
Profibus Master	n/a	Y requires SM2S-P + SPO-104X-PBM	Y requires HB1/HB2/HB4- + SPO-PCIX-PBM
Profibus Slave	n/a	Y requires SM2S-P + SPO-104X-PBS	Y requires HB1/HB2/HB4- + SPO-PCIX-PBS
EtherCAT Master	n/a	Y requires SM2S-P + SPO-104X-ECM	Y requires HB1/HB2/HB4- + SPO-PCIX-ECM
EtherCAT Slave	n/a	Y requires SM2S-P + SPO-104X-ECS	Y requires HB1/HB2/HB4- + SPO-PCIX-ECS
CC Link Slave	n/a	n/a	Y requires HB1/HB2/HB4- + SPO-PCIX-CCS
Powerlink Slave	n/a	Y requires SM2S-P + SPO-104X-PLS	Y requires HB1/HB2/HB4- + SPO-PCIX-PLS
SERCOS Master	n/a	Y requires SM2S-P + SPO-104X-SCM	Y requires HB1/HB2/HB4- + SPO-PCIX-SCM
SERCOS Slave	n/a	Y requires SM2S-P + SPO-104X-SCS	Y requires HB1/HB2/HB4- + SPO-PCIX-SCS
Interbus Master	n/a	n/a	Y see note 2

Notes

- Simple Modbus Master communications are built-in to every SoftPLC Gateway, via COMGENIUS.
A high-performance Modbus Master driver is available as a low cost firmware add-on, Cat No SPZ-MBM.
- The interface card for this driver is obsolete. Call for availability.