EasyIO FG-32+ 32-POINT, IP CONTROLLER

A versatile plant controller, meter and data aggregator, the FG+ series has a 400 MHz Main Processor and a SD Card to maximize speed and storage. The FG+ series can be programmed live with CPT and interfaces directly to cloud services without an additional gateway or server.

Like the FS series, FG+ supports multiple, concurrent protocols BACnet, Modbus, TCOM, and web services. Utilize CPT kits, adapter widgets and graphics, import your own or develop applications specific to your needs. With HTML5, PHP, and SQL, the FG+ is mobile ready and adaptable for integration, interoperability, and data management.

The FG-32+ has 8 UO, 16 UI, and 8 DO. Licenses and annual maintenance are included in the one-time cost of the controller.



FEATURE HIGHLIGHTS

- · Memory card expansion for history and application backup and storage
- Supports BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, SOX
- EasylO Peer to Peer Protocol, compatible with FS, FG+, FW and FT Series
- Built in web server with HTML5 compatibility
- RESTful API and other web services
- Network Time Protocol (NTP) Client
- SMTP protocol (outgoing email)
- SQL Lite up to 100,000 records
- Built in dashboard
- Supports simultaneous, multiple protocols without additional license fees
- Expansion capability with EasyIO-FD-20i or EasyIO-FC-20
- EasylO Sedona Library for Logging, Control, Scheduling and Remote Management



SPECIFICATIONS

Consumption 18VA Current Rating 750mA at 24VAC/VDC Storage Temp 720 to 85 oC (-4 to 185 oF) Operating Temp 0 to 65 0C (32 to 150 oF) Operating Humidity 10% to 90% Relative Humidity noncondensing Dimensions 234 x 104 x 44 (mm), 9.2 x 4.1 x 1.7 (inches) Material Plastic conforms with UL Weight 800g / 28.2 oz Main Processor ARM 400 MHz Processor ARM 400 MHz Processor ARM 604MB SD card Holder Yes Ethernet 128MB RAM 64MB SD card Holder Yes Ethernet 2 x 85485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Over Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Procols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Mod- bus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Modbus Baud Rate Speed: 9.6K, 19.2k, 38.4K, 57.6K), Data Bits : 8, Parity : Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K Universal Inputs 2 x DQ (with LED Indicator) Type: Relay Common Synch	Power Supply	24V AC +/- 5% or 24V DC +20% / - 15%
Storage Temp	Consumption	18VA
Operating Temp 0 to 65 0C (32 to 150 oF) Operating Humidity 10% to 90% Relative Humidity noncondensing Dimensions 234 x 104 x 44 (mm), 9.2 x 4.1 x 1.7 (inches) Material Plastic conforms with UL Weight 800g / 28.2 oz Main Processor ARM 400 MHz Processor ARM Cortex 72 MHz Flash Memory 128MB RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports 2 x R845 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACNET SYNG (output) Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACNET Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x U1, 12-bit DAD with FGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10m AD (-/- 0.05Y) Current mode: 0-20m AD (-/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode: Voltage Free Contact SKU Easylo-F-G32+ Warranty Yes, ask your local EasylO representative Certifications (E, BTL, UL, FCC, RoHS Engineer Tool CPT Product and Engineering License Annual Maintenance Annual Maintenance	Current Rating	750mA at 24VAC/VDC
Operating Humidity 10% to 90% Relative Humidity noncondensing Dimensions 234 x 104 x 44 (mm), 9.2 x 4.1 x 1.7 (inches) Material Plastic conforms with UL Weight 800g / 28.2 oz Main Processor ARM 400 MHz Processor ARM Cortex 72 MHz Elash Memory 128MB RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 108ase-T/100Base-T interface, half or full duplex RS 485 Ports 2 x RS485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BAChert MSTP Client/Server, BAChet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: (9.6K, 19.2k, 38.4K) Universal Inputs 16 x UI, 12-bit DAC Vidua	Storage Temp	-20 to 85 oC (-4 to 185 oF)
Dimensions 234 x 104 x 44 (mm), 9.2 x 4.1 x 1.7 (inches)	Operating Temp	0 to 65 0C (32 to 150 oF)
Material Plastic conforms with UL Weight 800g / 28.2 oz Main Processor ARM 400 MHz Processor ARM Cortex 72 MHz Flash Memory 128MB RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base*T/100Base*T interface, half or full duplex RS 485 Ports Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: (9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PCA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easylo-FG-32+ Warranty Yes, ask your local Easylo representative CErtifications C, BTL, UL, FCC, RoHS Certifications Included Included	Operating Humidity	10% to 90% Relative Humidity noncondensing
Weight 800g / 28.2 oz Main Processor ARM 400 MHz Processor ARM 400 MHz Processor ARM Cortex 72 MHz Flash Memory 128MB RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports 2 x RS485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Fallure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: (9.6K, 19.2k, 38.4K) BACH Baud Rate Speed: (9.6K, 19.2k, 38.4K), 57.6K), Data Bits: 8, Parity: Odd, Even, None Universal Inputs 1s x U, 12-bit DAC with PCA Universal Inputs 1s x U, 12-bit DAC with PCA Universal Output 8 x DO (with LED Indica	Dimensions	234 x 104 x 44 (mm), 9.2 x 4.1 x 1.7 (inches)
Main Processor ARM 400 MHz Processor ARM Cortex 72 MHz Flash Memory 128MB RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports 2 x RS485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Syno Protocol Network Time Syno Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K Universal Inputs 16 x UI, 12-bit ADC with PCA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-1-0V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance + 25 Ohmace + 25 O	Material	Plastic conforms with UL
Processor	Weight	800g / 28.2 oz
Flash Memory RAM 64MB SD card Holder Yes Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API Protocols Supported BACHE MSTP Client/Server, BACHE IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACHE Baud Rate Speed: 9.6K, 19.2k, 38.4K Iniversal Inputs Universal Inputs Universal Inputs Digital Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output Current mode: 0-20mA, Max Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easylo-FG-32+ Warranty Yes, ask your local Easylo representative Cettifications CE, BTL, UL, FCC, ROHS CENTER TORD CPT Product and Engineering License Annual Maintenance	Main Processor	ARM 400 MHz
RAM 64MB SD card Holder Yes Ethernet 1x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports 2 x RS485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K ST.6K) Universal Inputs Carbon South Mode: 50 - 10V (+/- 0.05V) Current mode: 0-20m Ap DC (+/- 0.01 m A) Impedance 4.25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode: Voltage Free Contact 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 7 x x x x x x x x x x x x x x x x x x	Processor	ARM Cortex 72 MHz
Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex RS 485 Ports 2 x RS485 Real Time Clock (RTC) Real Time Clock with min. 5 days backup by SuperCAP Power Failure Protection SuperCap Apps Safety Backup Database and API SQL database and REST API Protocols Supported BACNET MST Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Nodbus Baud Rate Speed: 9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PCA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA, bdc (+/- 0.01 mA) Impedance: 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode: Voltage Free Contact Sx UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easylo-FG-32+ Warranty Yes, ask your local Easylo representative Certifications CE, BTL, UL, FCC, ROHS Engineer Tool Product and Engineering License Included Included	Flash Memory	128MB
Ethernet 1 x Ethernet Port 10Mb/100Mb 10Base-T/100Base-T interface, half or full duplex	RAM	64MB
RS 485 Ports Real Time Clock (RTC) Power Failure Protection SuperCap Apps Safety Backup Database and API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x DO, (12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Annual Maintenance Included Annual Maintenance	SD card Holder	Yes
Real Time Clock (RTC) Power Failure Protection SuperCap Apps Safety Backup SQL database and REST API Protocols Supported BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Yes, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool CPT Product and Engineering License Annual Maintenance Included	Ethernet	
Power Failure Protection Database and API SQL database and REST API BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20m ADC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode: Voltage Free Contact 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: woltput maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Yes, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Annual Maintenance Included	RS 485 Ports	2 x RS485
Database and API SQL database and REST API BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Network Time Sync Protocol Network Time Sync Protocol Network Time Sync Protocol Nobus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.05V) Current mode: Voltage Free Contact 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easylo-FG-32+ Warranty Yes, ask your local EasylO representative CE, BTL, UL, FCC, ROHS Engineer Tool CPT Product and Engineering License Annual Maintenance Included	Real Time Clock (RTC)	Real Time Clock with min. 5 days backup by SuperCAP
BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU M/S, Modbus TCP M/S, TCOM, web services, HTML5, SOX	Power Failure Protection	SuperCap Apps Safety Backup
Email Service SMTP protocol (outgoing email) Time Sync Protocol Network Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K Iniversal Inputs Speed: 9.6K, 19.2k, 38.4K Universal Inputs Speed: 9.6K, 19.2k, 38.4K Iniversal Inp	Database and API	SQL database and REST API
Time Sync Protocol Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0 - 10V (+/- 0.05V) Current mode: 0 - 20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easylo-FG-32+ Warranty Yes, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Included Annual Maintenance	Protocols Supported	
Modbus Baud Rate Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K 0hms (+/- 10 0hms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 0hms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 0hm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 0hm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easyl0-FG-32+ Warranty Yes, ask your local Easyl0 representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Included Annual Maintenance	Email Service	SMTP protocol (outgoing email)
BACnet Baud Rate Speed: 9.6K, 19.2k, 38.4K 16 x UI, 12-bit ADC with PGA Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital Output 8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU Easyl0-FG-32+ Warranty Yes, ask your local Easyl0 representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Annual Maintenance Included	Time Sync Protocol	Network Time Sync Protocol
Universal Inputs 16 x UI , 12-bit ADC with PGA Resistance Mode : 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode : 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode : Voltage Free Contact	Modbus Baud Rate	Speed: (9.6K, 19.2k, 38.4K, 57.6K), Data Bits: 8, Parity: Odd, Even, None
Universal Inputs Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz) Digital mode: Voltage Free Contact 8 x D0 (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x U0, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Ves, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Annual Maintenance Included	BACnet Baud Rate	Speed: 9.6K, 19.2k, 38.4K
Type: Relay Contacts, SPST NO, 48VA/2A at 24V Universal Output 8 x UO, 12-bit DAC Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Yes, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Annual Maintenance Included	Universal Inputs	Resistance Mode: 500 - 500K Ohms (+/- 10 Ohms) Voltage Mode: 0-10V (+/- 0.05V) Current mode: 0-20mA DC (+/- 0.01 mA) Impedance < 25 Ohms Pulse count mode (max): 20 Pulse per sec at 50% duty cycle (20Hz)
Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm. Digital mode: maximum sinking current 200mA (for Switching Relays) SKU EasylO-FG-32+ Warranty Yes, ask your local EasylO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Included Annual Maintenance Included	Digital Output	8 x DO (with LED Indicator) Type: Relay Contacts, SPST NO, 48VA/2A at 24V
Warranty Yes, ask your local EasyIO representative Certifications CE, BTL, UL, FCC, RoHS Engineer Tool Product and Engineering License Included Annual Maintenance Included	Universal Output	Voltage mode: output range 0-10V DC, Min Load Impedance 1,000 Ohm Maximum 10ma current draw Current mode: 0-20mA, Max Load Impedance 800 Ohm.
Certifications CE, BTL, UL, FCC, RoHS Engineer Tool CPT Product and Engineering License Included Annual Maintenance Included	SKU	EasylO-FG-32+
Engineer Tool CPT Product and Engineering License Included Annual Maintenance Included	Warranty	Yes, ask your local EasylO representative
Product and Engineering License Included Annual Maintenance Included	Certifications	CE, BTL, UL, FCC, RoHS
Annual Maintenance Included	Engineer Tool	CPT
	Product and Engineering License	Included
Contact www.easyio.com	Annual Maintenance	Included
	Contact	www.easyio.com