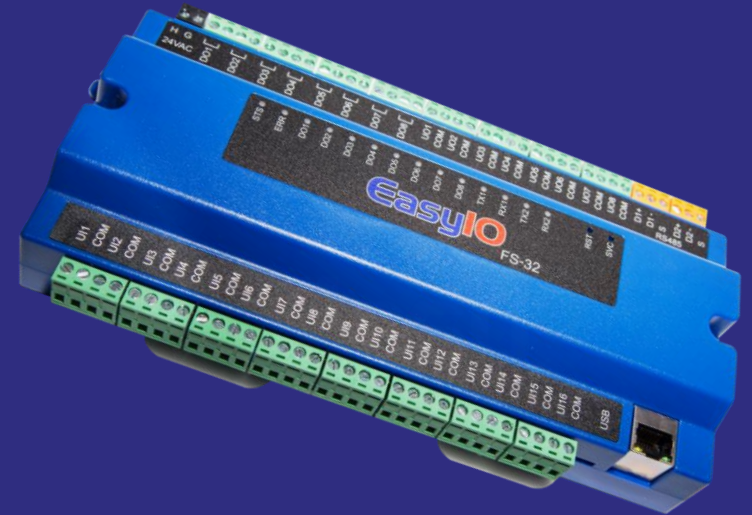



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THE FUTURE.

IP, Network-ready Programmable Controllers

EasyIO®




 EasyIO-FS-32 32-point, network-ready programmable IP controller	EasyIO-FS-20 20-point, network-ready programmable IP controller	EasyIO-FG-32+ 32-point, network-ready programmable IP controller	EasyIO-FG-20+ 20-point, network-ready programmable IP controller
Live Programming	Yes via CPT	Yes via CPT	Yes via CPT
Inputs/Outputs	16UI/8DO/8UO	12UI/2DO/6UO	16UI/8DO/8UO
Protocols Supported	BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU Master/Slave, Modbus TCP Master/Slave, MQTT, SMTP, TCOM, web services, HTML5, SOX, P2P	BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU Master/Slave, Modbus TCP Master/Slave, MQTT, SMTP, TCOM, web services, HTML5, SOX, P2P	BACnet MSTP Client/Server, BACnet IP Client/Server, Modbus RTU Master/Slave, Modbus TCP Master/Slave, MQTT, SMTP, TCOM, web services, HTML5, SOX, P2P
BACnet IP/MSTP Client Device	31	31	20
BACnet Client Points / Device	30	30	15
Modbus Master Device	31	31	20
Modbus Master Points / Device	30	30	15
Max Device Count	62	62	40
Max Point Count	1,860	1,860	600
SQL Lite	Up to 100,000 records	Up to 100,000 records	Up to 100,000 records
Main Processor	1.2 Ghz Quad Core ARM A7	1.2 Ghz Quad Core ARM A7	ARM 400 Mhz
Flash / RAM	8GB / 512MB	8GB / 512MB	128MB / 64MB
USB / SD Card	1 / Slot	1 / Slot	1 / 8GB
Ethernet/RS485	1 / 2	1 / 2	1 / 2
WLAN	N/A	N/A	N/A
Network Security	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x
VPN	VPN Client/Server	VPN Client/Server	N/A
API	RESTful	RESTful	RESTful
Onboard Database	SQL Lite, up to 100,000 records	SQL Lite, up to 100,000 records	SQL Lite, up to 100,000 records
Dashboard	Yes	Yes	Yes
Web Server	Yes	Yes	Yes
Graphics	Yes	Yes	Yes
Custom Web Page	Yes	Yes	Yes
Point Expansion	EasyIO-FC20 or EasyIO-FD20i up to 620 IO	EasyIO-FC20 or EasyIO-FD20i up to 620 IO	EasyIO-FC20 or EasyIO-FD20i up to 465 IO
Floating Control	EasyIO-FR02	EasyIO-FR02	EasyIO-FR02
Product and Engineering License	Included	Included	Included
Annual Maintenance	Included	Included	Included

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WiFi, Network-ready Controllers



	EasyIO-FW-28 28 Point WiFi network-ready, programmable IP controller	EasyIO-FW-14 28 Point WiFi network-ready, programmable IP controller	EasyIO-FW-08 28 Point WiFi network-ready, programmable IP controller	EasyIO-FW-08V 8 Point WiFi network-ready, programmable IP controller for VAV applications. Optional Actuator
Live Programming	Yes	Yes	Yes	Yes
Inputs/Outputs	16UI/8DO/4AO	8UI/2DO/4AO	4UI/4AO	4UI/4AO
Protocols Supported	BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP	BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP	BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP	BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP
BACnet IP/MSTP Client Device	5	5	5	5
BACnet Client Points/Device	30	30	30	30
Modbus Master Device	5	5	5	5
Modbus Master Points/Device	30	30	30	30
Max Device Count	5 (Modbus mode will disable BACnet Client)	5 (Modbus mode will disable BACnet Client)	5 (Modbus mode will disable BACnet Client)	5 (Modbus mode will disable BACnet Client)
Max Point Count	150 (Modbus mode will disable BACnet Client)	150 (Modbus mode will disable BACnet Client)	150 (Modbus mode will disable BACnet Client)	150 (Modbus mode will disable BACnet Client)
SQL Lite	Up to 6,000 records	Up to 6,000 records	Up to 6,000 records	Up to 6,000 records
Main Processor	Qualcomm 560Mhz	MIPS 580 Mhz	MIPS 580 Mhz	MIPS 580 Mhz
Flash / RAM	32MB / 128MB	32MB / 128MB	32MB / 128MB	32MB / 128MB
Ethernet/RS485	2 / 1	2 / 1	2 / 1	2 / 1
WLAN	WiFi 802.1x b/g/n	WiFi 802.1x b/g/n	WiFi 802.1x b/g/n	WiFi 802.1x b/g/n
Network Security	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x, WPA Enterprise	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x, WPA Enterprise	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x, WPA Enterprise	IPv6, DHCP Client, SSL, TLS 1.2, 802.1x, WPA Enterprise
API	RESTful	RESTful	RESTful	RESTful
Onboard Database	SQL Lite, up to 6,000 records	SQL Lite, up to 6,000 records	SQL Lite, up to 6,000 records	SQL Lite, up to 6,000 records
Dashboard	Yes	Yes	Yes	Yes
Web Server	Yes	Yes	Yes	Yes
Web Server w/Graphics	Yes	Yes	Yes	Yes
Floating Control	EasyIO-FR02	EasyIO-FR02	EasyIO-FR02	EasyIO-FR02


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Expansion Controllers and Modules

EasyIO®



	EasyIO-30P 30 Point Ethernet Controller	EasyIO-FT-04 A and B Small form factor WiFi Controller	EasyIO-FC-20 20 Point Controller for IO Extension	EasyIO-FD-20i 20 Point Expansion Module	EasyIO-FR-02 Relay Module for Floating Control
Live Programming	Yes	Yes	N/A	N/A	N/A
Programming Tool	CPT	CPT	CPT	CPT	N/A
Inputs/Outputs	8UI/8DO/4AO	2UI, 2AO (A) or 1AO and 1RO (B)	12UI/4DO/4AO	10UI/10DI	1AO
Protocols Supported	BACnet MSTP Server, BACnet IP Server, Modbus RTU Master/Slave, Modbus TCP Slave	BACnet IP Server over Wi-Fi, P2P	BACnet MSTP Server, Modbus RTU Master	BACnet MSTP Server, Modbus RTU Master	N/A
Modbus Master Device	4	N/A	N/A	N/A	N/A
Modbus Master Points / Device	20	N/A	N/A	N/A	N/A
Max Device Count	4	N/A	N/A	N/A	N/A
Max Point Count	80	2	20	20 input only	N/A
Main Processor	96 Mhz ARM	ESP32 240Mhz	24 Mhz ARM Cortex-M3	48 Mhz ARM Cortex A0	N/A
Flash / RAM	2MB / 8MB	16MB / 4MB	256KB / 24KB	256KB / 32KB	N/A
Ethernet/RS485	0 / 1	WiFi only	0 / 2	0 / 1	N/A
WLAN	N/A	WiFi 802.1x b/g/n	N/A	N/A	N/A
Network Security	N/A	DHCP, IPv6, SSL, TLS 1.2, WPA Enterprise coming soon.	N/A	N/A	N/A
Dashboard	N/A	Yes	N/A	N/A	N/A
Web Server	Yes	Yes	N/A	N/A	N/A
Product and Engineering License	Included	Included	Included	Included	None
Annual Maintenance	Included	Included	Included	Included	None