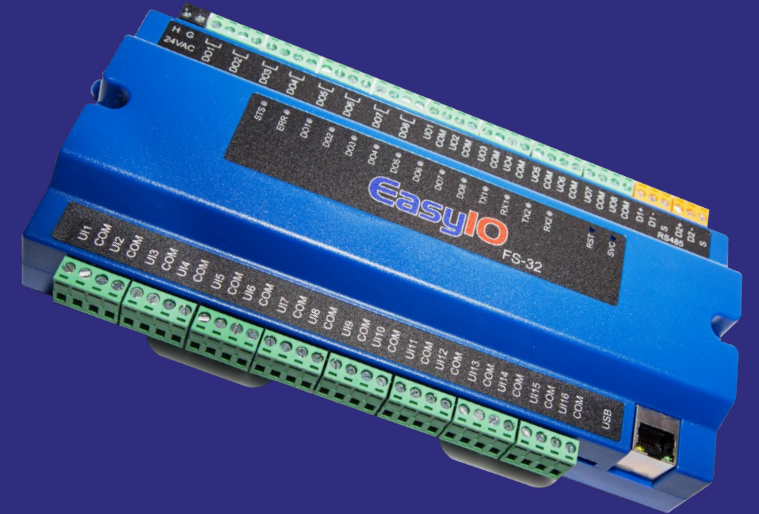



WELCOME TO

THE FUTURE.

IP, Network-ready Programmable Controllers

EasyIO®



|  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 | Yes via CPT |
| Inputs/Outputs | 16UI/8DO/8UO | 12UI/2DO/6UO | 16UI/8DO/8UO | 12UI/2DO/6UO |
| 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 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 | 20 |
| BACnet Client Points / Device | 30 | 30 | 15 | 15 |
| Modbus Master Device | 31 | 31 | 20 | 20 |
| Modbus Master Points / Device | 30 | 30 | 15 | 15 |
| Max Device Count | 62 | 62 | 40 | 40 |
| Max Point Count | 1,860 | 1,860 | 600 | 600 |
| SQL Lite | Up to 100,000 records | 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 | ARM 400 Mhz |
| Flash / RAM | 8GB / 512MB | 8GB / 512MB | 128MB / 64MB | 128MB / 64MB |
| USB / SD Card | 1 / Slot | 1 / Slot | 1 / 8GB | 2 / 8GB |
| Ethernet/RS485 | 1 / 2 | 1 / 2 | 1 / 2 | 1 / 2 |
| WLAN | N/A | 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 | SMTP | SMTP |
| VPN | VPN Client/Server | VPN Client/Server | N/A | N/A |
| API | RESTful | 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 | SQL Lite, up to 100,000 records |
| Dashboard | Yes | Yes | Yes | Yes |
| Web Server | Yes | Yes | Yes | Yes |
| Graphics | Yes | Yes | Yes | Yes |
| Custom Web Page | Yes | 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 | EasyIO-FC20 or EasyIO-FD20i up to 465 IO |
| Floating Control | EasyIO-FR02 | EasyIO-FR02 | EasyIO-FR02 | EasyIO-FR02 |
| Product and Engineering License | Included | Included | Included | Included |
| Annual Maintenance | Included | Included | Included | Included |


WELCOME TO

THE FUTURE.

WiFi, Network-ready Controllers

EasyIO®



|  | 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, MQTT | BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP, MQTT | BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP, MQTT | BACnet MSTP Client, BACnet IP Client/Server, Modbus RTU Master, P2P, SMTP, MQTT |
| 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 or BACnet) | 5 (Modbus or BACnet) | 5 (Modbus or BACnet) | 5 (Modbus or BACnet) |
| Max Point Count | 150 (Modbus or BACnet) | 150 (Modbus or BACnet) | 150 (Modbus or BACnet) | 150 (Modbus or BACnet) |
| 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 |


WELCOME TO

THE FUTURE.

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 | 4 | 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 |