

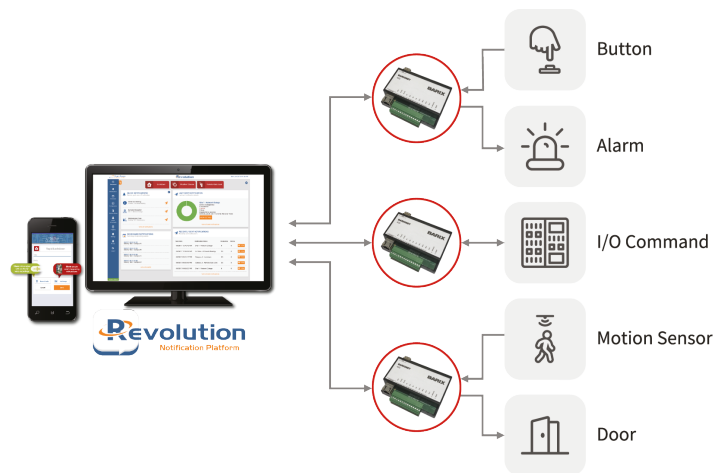
BARIX

BARIONET 400 Syn-Apps

I/O device to implement into
Syn-Apps Revolution Notification System



Barix Barionet 400 Syn-Apps is a PoE powered I/O device server which is certified for the Syn-Apps' Revolution mass notification system. The device features four digital inputs and four relays. Extension of the functionality via the USB port and via a programming interface is possible as an option. The Barionet 400 devices provides a robust bridge between Syn-Apps' Notification System and physical interfaces such as distress buttons, fire alarm panels, motion sensors, light switches, door activators and more.



Applications

Integration into Syn-Apps Revolution for:

- Control of emergency alerts with time-sensitive information
- Automated actions when an event is triggered, such as closing of doors, power of lights, screens, horns, transport options or shutting down of building infrastructure
- Access control
- Machine control
- Contact closure monitoring
- The Barionet 400 can be programmed to perform internal intelligence (optional)

Specifications

- Configurable on Syn-Apps Revolution Server
- One 10/100 Ethernet port
- 4 Relay Outputs
- 4 Digital Inputs
- USB Host Interface
- Embedded Linux / Ledex / OpenWRT
- IPv4 / IPv6 stack
- Barionet DIN-Rail Case
- Supply Voltage 9-30 VDC
- IEEE 802.3af PoE

Technical Specifications

Operation System

- Linux / Lede / OpenWRT

Network / WiFi Interfaces

- 1 x Ethernet (RJ45) Interface
- IPv4, IPv6 capable
- 10/100 fdx/hdx, auto negotiation
- TCP/IP, UDP, ICMP, DHCP, CGI, HTTP, SNMP

I/O Interface

- 4 x Relay Outputs (30VDC, 0.5A)
- 4 x Digital Inputs (dry contacts)

USB Interface

- 1 x USB Host (Type A) Interface

CPUs / Memory

- MediaTek MT7620N
- 64MB SDRAM
- 16MB Flash

User Interface

- Web interface for control / configuration
- 10 x Multicolor LED Status indicators
- Reset & Factory Defaults Button

Power Requirements

- Single 9-30V DC supply voltage, 2.5 Watt (without attached USB devices) or
- IEEE 802.3af PoE

Measurement

- 4.05" x 3.35" x 1.22" /
103mm x 85mm x 31mm

Weight

- 160g

Warranty

- Two years

Environmental

Operating Environment

-40°C to + 60° / -40 to 140°F environmental
0 - 70% relative humidity, non-condensing

Storage Conditions

-40°C to +70°C / -40 to 158°F
0 - 70% relative humidity, non-condensing

Certifications

RoHS, FCC, CE

Ordering Information

2019.9290 Barionet 400 Syn-Apps

For commercial related questions (distributors contacts, price list, business opportunities) please contact
sales@barix.com

For technical inquiries (problem reports, request for documentation, etc.) please contact
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