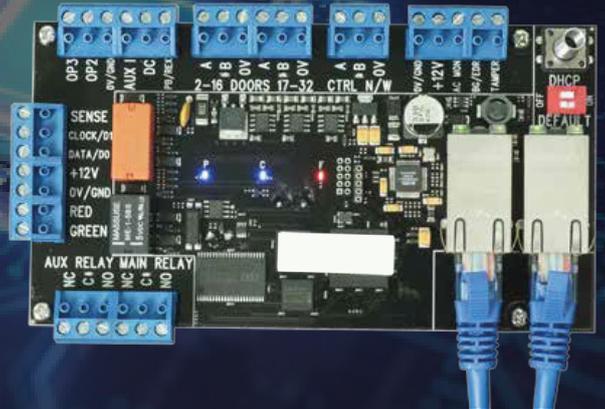


IP-based Access Control



Features

- Controls one door directly, with unlimited expansion capabilities.
- TCP/IP communications (100/10Mbps).
- DHCP or Static IP addresses.
- Password protected built-in web server or FREE downloadable 'Grid' software.
- Two Ethernet Ports allow for interfacing with additional IP devices like cameras additional door controllers, etc.
- Live transaction monitoring.
- Entry & exit reader capability.
- Supports industry standard proximity, smart card, and multi-technology readers (Wiegand output).
- Reader short circuit protection.
- Compliant with PoE+ standard.
- 60,000 users (up to 2 credentials per user).
- Batch card enrollment.
- 250 Time Zones and 1,000 User/ Door Groups.
- Holiday support.
- Scheduled Events.
- Temporary Users.
- Audit Trail – Up to 5,000 events from on-board storage, unlimited events with PLUS software (limited only by your allocated server space).
- Status LED's – Power, Communications, & Fault on-board diagnostic indicators Anti-tailgating.



IP-based Access Control

- Anti-passback (global or localized).
- Supported browsers: Microsoft Internet Explorer, Firefox, Google Chrome.
- Multiple credential modes: Card only, PIN only, Pin or Card, Pin & Card.
- Door Status Monitoring Input.
- Request-to-Exit (REX) Input.
- Programmable Auxiliary Input.
- Lock Relay Output.
- Auxiliary Relay Output.
- (2) Programmable Solid-state Outputs.
- Tamper Input.
- Database backup support.

Specification

IP Pro Controller / Door Station Expansion	
Voltage	12 VDC Input
Current Consumption (max)	450mA - Controller 120mA - Door Station Expansion
Operating Temperature	14°F – 122°F (Indoor use only)
Dimensions	6" x 3.5" x 0.875" board only 9.25" x 6.5" x 2.1875" w/ ABS plastic enclosure
Weight	1lb
Relay Output Type	Form C (SPDT) x 2
Relay Contact Rating	Main (Lock) – 5A @ 30VDC Auxiliary – 1A @30VDC
Max q ' ty of controller	No limit
Connections	Digital Inputs: 4 dry contact inputs Ethernet: RJ45 (Controller only) RS-485 Terminal Bus Reader Power – 12VDC Reader Data – Wiegand (26bit to 37bit) Reader LED Control – Red & Green Two Solid State outputs (100mA max)



IP-based Access Control

IP Pro Splitter	
Input voltage	44 - 57 VDC
Input power	30W max
Output power	24W max
Output Current	2A @ 12V

IP Pro Injector	
PoE+ Output Pin Assignment and Polarity	4/5 (+), 7/8 (-)
Output Power Voltage	55Vdc
User Port Power	30 Watts (Guaranteed)

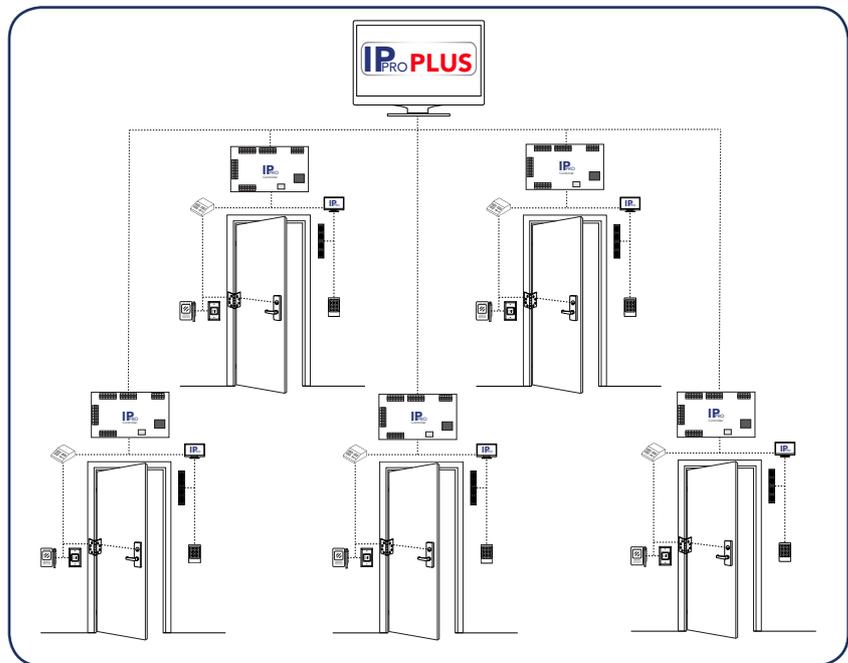
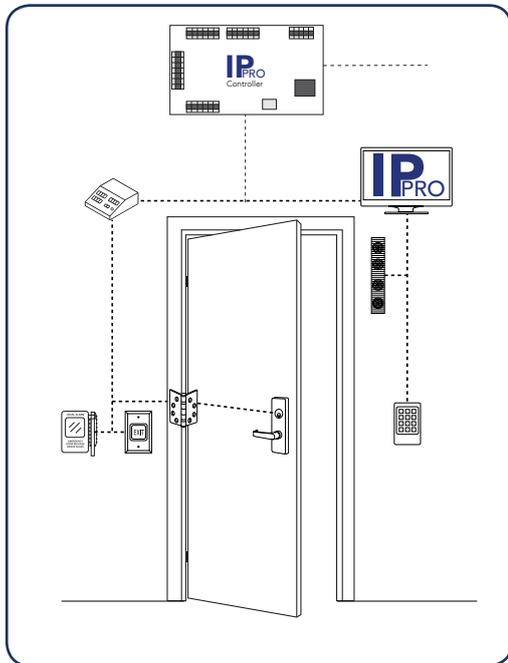
Models

- MX-IPDC-XE** IP Pro Controller board plus enclosure
- MX-RDS-XE** IP Pro Door Station Expansion board plus enclosure
- MX-PI-30W** IP Pro Injector 30W PoE+
- MX-PS-12V** IP Pro Splitter 12VDC PoE+
- MX-IPSKIT-E** IP Pro Starter Kit, including Controller board, Splitter and Injector components plus Controller enclosure
- MX-WPR300-N** IP Pro Wiegand Reader, Mullion Mount, includes black and white snap-on cover - PROX, HID compatible



IP-based Access Control

Diagram



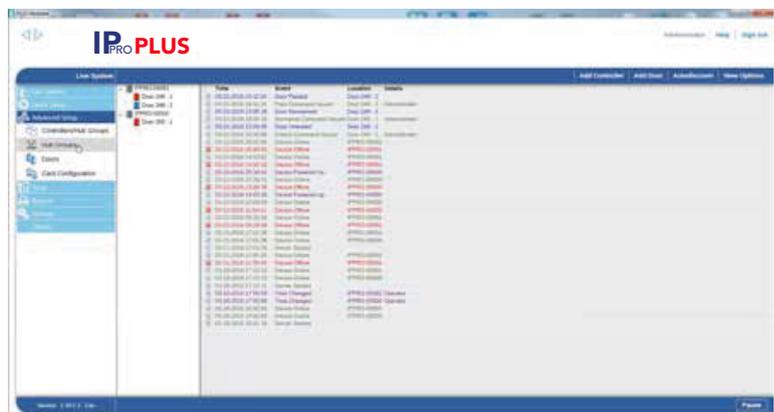
Our new PLUS PC-Client software is available as a free download to provide door access control for up to 100 doors from a single PC. PLUS is a role-based access control software suite with different interface modules, depending on user type.

PLUS Hardware is used by the installer to set up controllers, doors and user profiles

- Enable & edit IPPro controllers
- Enable & edit door settings
- Create event filters
- Enable e-mail notifications

PLUS Manage is used by system administrators to facilitate database changes required on a day-to-day basis, and offers various reporting tools

- Create, view, & edit users
- Add access & holiday schedules
- Generate user & event reports



PLUS Server is used by system administrators to perform specialized tasks, such as database backups, firmware updates, importing / exporting users

- Perform manual or schedule automatic backups
- Import/Export Users
- Perform IPPro firmware updates