

IP Pro Controller board

## FEATURES

- Controls one door directly, with multi-door expansion capabilities
- 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.
- Entry & exit reader capability
- Supports industry standard proximity, smart card, and multi-technology readers (Wiegand output)
- Compliant with PoE+ standard
- Internet Explorer, Firefox and Google Chrome browser support
- Manage up to 15,000 users with free software or up to 1,000 via web browser
- Batch card enrollment
- 250 User groups/Time Zones/Door Groups
- Audit Trail – Up to 5,000 events may be exported as a .csv file from web server, unlimited events from PC software interface
- Anti-tailgating
- Door Status Monitoring Input
- Request-to-Exit (REX) Input
- Lock Relay Output

## SPECIFICATIONS

### IP Pro Controller/Door Station

<b>Voltage</b>	12 VDC Input
<b>Current Consumption</b>	250mA (max)
<b>Operating Temperature</b>	14°F – 122°F (Indoor use only)
<b>Dimensions</b>	5.375" x 3.5" x 0.875" board only 9.25" x 6.5" x 2.1875" w/ ABS plastic enclosure
<b>Weight</b>	1lb
<b>Relay Output Type</b>	Form C (SPDT) x 2

### IP Pro Splitter

<b>Input Voltage</b>	44 - 57 VDC
<b>Input Power</b>	30W max
<b>Output Power</b>	24W max
<b>Output Current</b>	2A @ 12V
<b>Relay Output Type</b>	Form C (SPDT) x 2
<b>Relay Contact Rating</b>	Main (Lock) – 5A @ 30VDC Auxiliary – 1A @ 30VDC

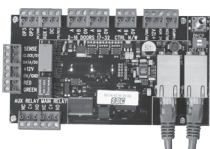
### Connections

Digital Inputs: 4 dry contact inputs  
Ethernet: RJ45  
RS-485 Terminal Bus  
Reader Power – 12VDC  
Reader Data – Wiegand (26bit to 37bit)  
Reader LED Control – Red & Green  
Two Solid State outputs (100mA max)

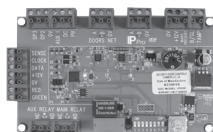
### IP Pro Injector

<b>PoE+ Output Pin Assignment and Polarity</b>	4/5 (+), 7/8 (-)
<b>Output Power Voltage</b>	55VDC
<b>User Port Power</b>	30Watts (Guaranteed)
<b>Input Power</b>	0.8A @ 100-240VAC

The **IP Pro** Line of IP-based Access Controllers allows expansion from one Standalone door up to a 100-door "Grid." The Choice is yours! It's like having a local area network for your doors without all the headaches of an enterprise system.



IP Pro Controller board



IP Pro Door Station Expansion board



IP Pro Controller enclosure



IP Pro Injector IP Pro Splitter



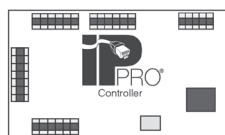
602RFx12VRxIPDC shown with optional batteries

IP Pro™ Components		LIST
IPDCE	IP Pro Controller, board plus enclosure	924.00
IPI-30	IP Pro Injector, 30W PoE+	275.00
IPS-12	IP Pro Splitter, 12VDC PoE+	242.00

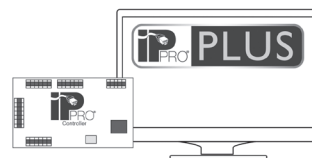
IP Pro™ Door Station		LIST
IPDSE	IP Pro Door Station Expansion, board plus enclosure	699.00

IP Pro™ Kit		LIST
IPPRO-SKE	IP Pro Starter Kit, including Controller board, Splitter, Injector plus Controller enclosure	1,416.00
602RFx12VRxIPDC	1 Amp, class 2 output power, 12/24 VDC dual output, IPDC Controller board, 12" W x 12" H x 3.75" D box	1,210.00
602RFx12VRxIPDS	1 Amp, class 2 output power, 12/24 VDC dual output, IPDS Door Station board, 12" W x 12" H x 3.75" D box	1,037.00

## Install - Expand - Control



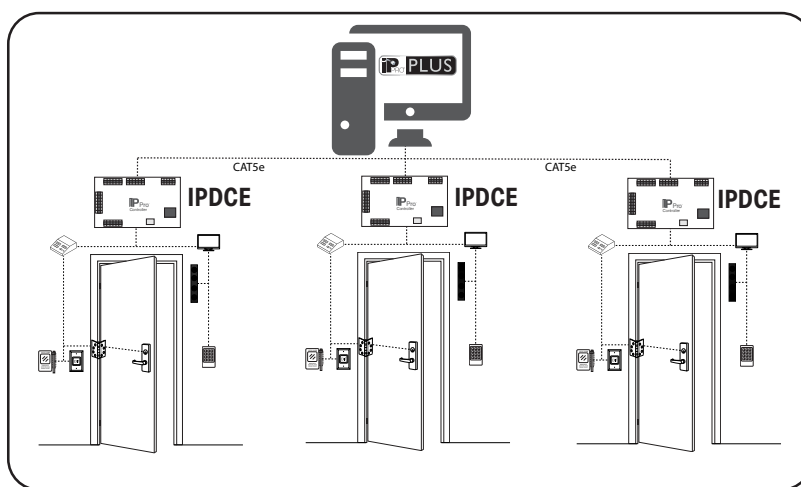
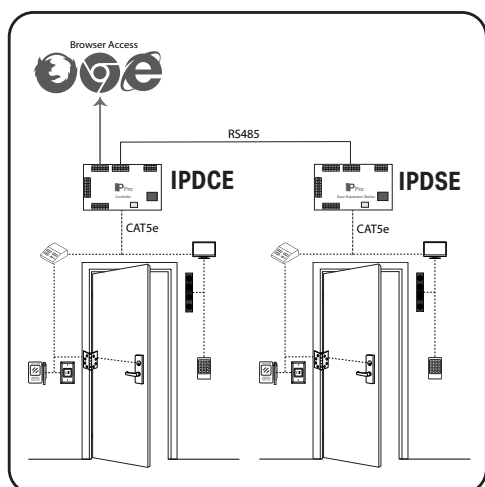
- Embedded software
- Browser Accessible
- 1 to 32 doors



- FREE Access Control Software
- Single PC Accessible
- 1 to 100 doors

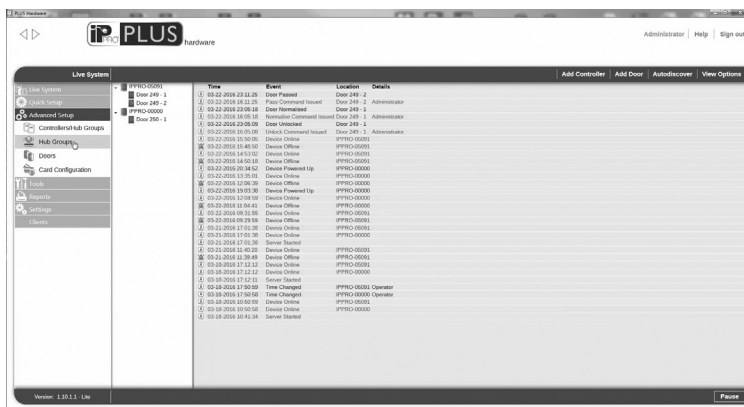
**EMBEDDED**  
software managed  
via web browser

or Download **FREE SOFTWARE**  
for full Grid Access



**PLUS features include:**

- Intuitive & easy to use software; similar look & feel to the IP Pro™ web browser interface
- Free, single PC software for up to 100 doors
- Configure & manage all your IP Pro™ controllers from a single interface – No enterprise headaches
- Wizard & quick start buttons for common tasks
- Automated management reporting
- E-mail alert notifications
- Utilizes the scalability of Microsoft SQL server
- Save more energy the more doors you add

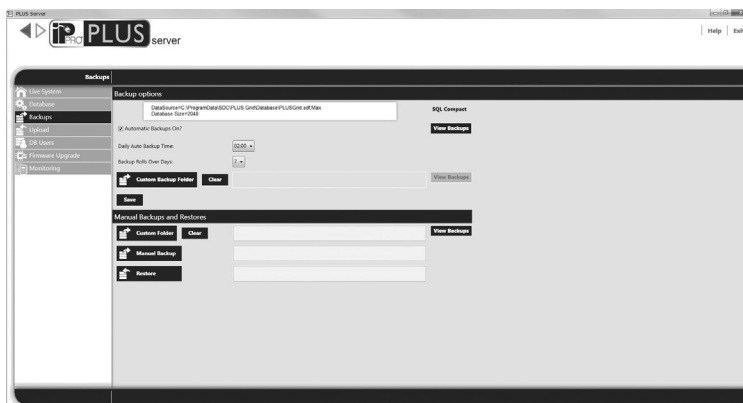
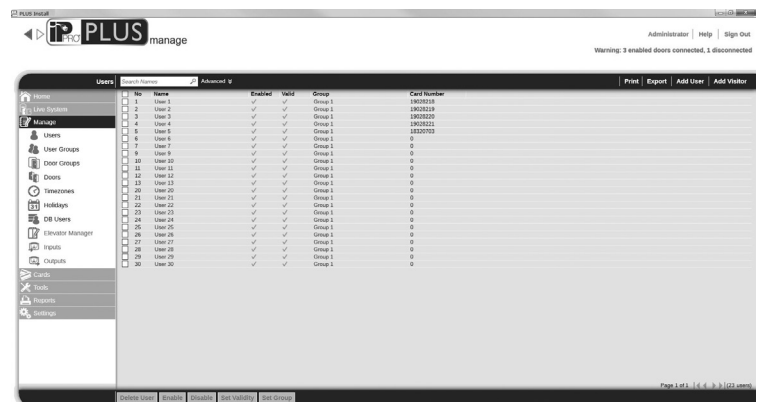


**PLUS Hardware** is used by the installer to set up controllers, doors and user profiles

- 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

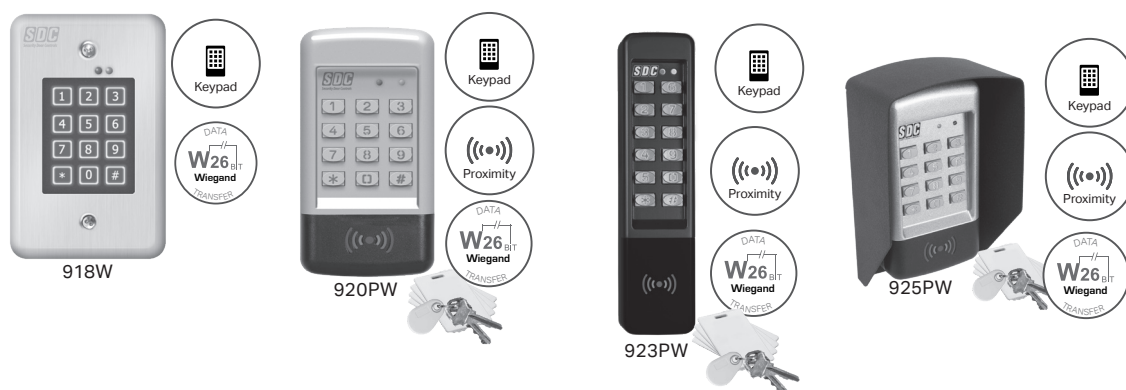
- Perform manual or schedule automatic backups
- Import/Export Users
- Perform IPPro firmware updates

Live System events can be monitored from either module!

Prox Reader		LIST
<b>IPRW300</b>	<b>Wiegand Reader - PROX, Mullion Mount, HID compatible (125 kHz)</b> includes Black and White Cover	<b>210.00</b>
<b>IPRW500</b>	<b>Wiegand Reader - PROX, Single Gang Box or Surface Mount, HID compatible (125 kHz)</b> includes Black and White Cover	<b>241.00</b>



Wiegand Reader		LIST
<b>918W</b>	Indoor digital keypad, Wiegand output	<b>174.00</b>
<b>920PW</b>	Digital keypad with Prox Reader, Wiegand output	<b>433.00</b>
<b>923PW</b>	Digital keypad, narrow, with Prox Reader, Wiegand output	<b>527.00</b>
<b>925PW</b>	Digital keypad with Prox Reader, Wiegand output, and privacy shroud	<b>540.00</b>



Cards, Key FOBS and Tags		Distributor Discount Code <b>MV LIST</b>
<b>HID1326-10</b>	Proximity Card, HID compatible, 10 cards	<b>75.00</b>
<b>HID1326-25</b>	Proximity Card, HID compatible, 25 cards	<b>177.00</b>
<b>HID1326-100</b>	Proximity Card, HID compatible, 100 cards	<b>710.00</b>
<b>HID1346-10</b>	Proximity Key Fob, HID compatible, 10 key fobs	<b>145.00</b>
<b>HID1346-100</b>	Proximity Key Fob, HID compatible, 100 key fobs	<b>1,419.00</b>
<b>PTAG-10</b>	Proximity Disc Tag, HID compatible, 10 tags	<b>81.00</b>
<b>PTAG-25</b>	Proximity Disc Tag, HID compatible, 25 tags	<b>193.00</b>

