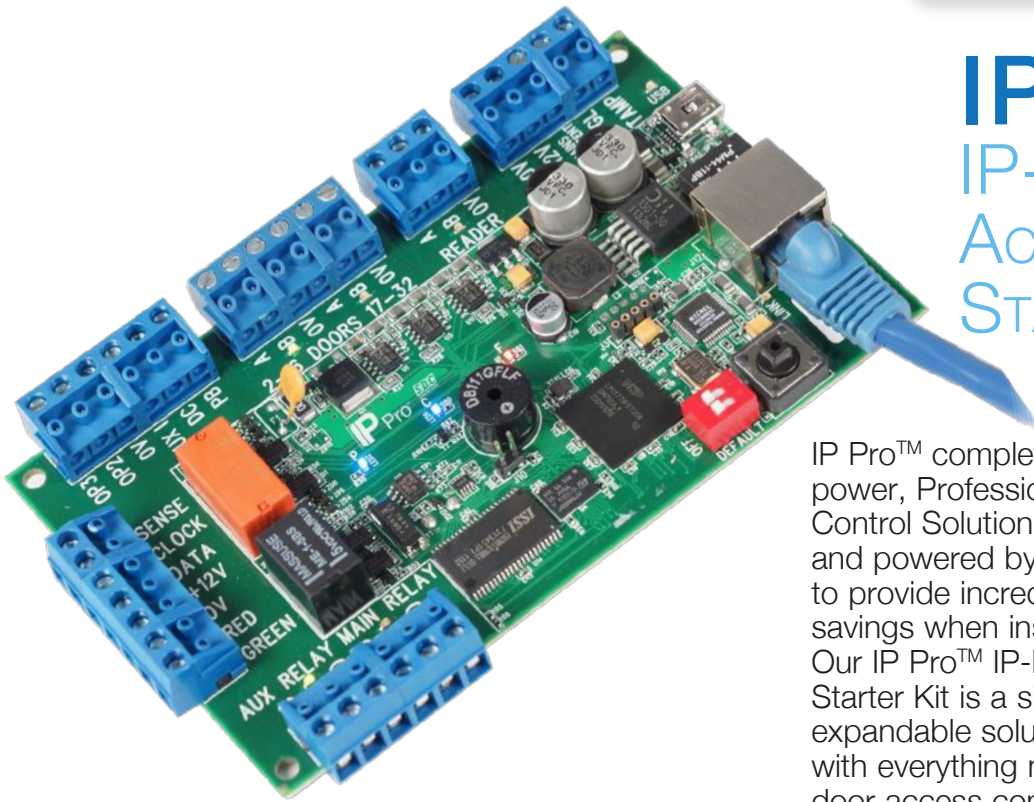# IP Pro™
IP-BASED ACCESS CONTROL STARTER KIT

IP Pro™ completes SDC's line of low power, Professional Grade Door Access Control Solutions™ – all easily connected and powered by Ethernet network cables to provide incredible flexibility and cost-savings when installing access control. Our IP Pro™ IP-based Access Control Starter Kit is a simple, cost-effective and expandable solution to control a single door with everything needed for a complete, IP door access control system.

HOW YOUR CUSTOMER BENEFITS:

- Expandable Single Door IP Controller

- Connect & Power with Existing Ethernet Network Infrastructure

- Secure, Built-In Browser Based Software

- No Proprietary Software Installation or Compatibilty Issues

- Manage From Any PC via Web Browser

- Proximity, Smart Card & Weigand Readers

- Reduce Cabling & Labor Cost When Compared to Traditional Panel Based Access Control

- Combine with SDC's Comprehensive Selection of Low Energy Access Control & Electrified Locking Hardware to Provide Solutions for Any Application
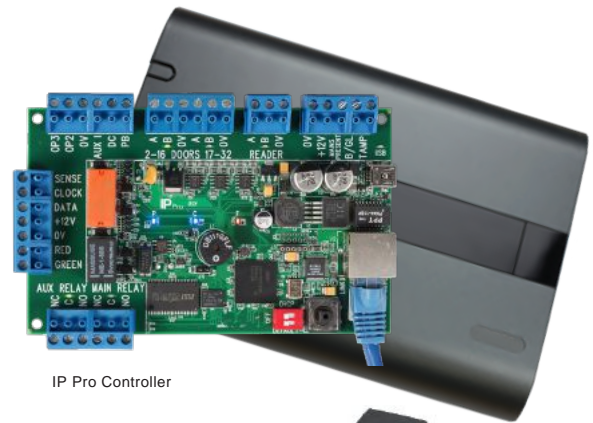
WHAT YOU NEED TO KNOW:

Until now, IP security systems have focused on networks, software and cameras, without truly addressing the missing link to any complete access control solution: **securing the door opening**. Central to our starter kit is the SDC IP Pro™ Controller – with embedded, browser-based software – allowing for simple door access control via LAN or internet connected device. The controller installs easily at the door and only requires a single network cable, reducing costs. Expanding to additional doors is as simple as installing a new IP Pro door controller and connecting to the nearest network switch.

Rounding out our solution are SDC IP Pro™ Injectors and Splitters and the same robust, reliable SDC Locking Devices, Access Controls, Egress Devices and Power Transfer Devices the industry has relied upon for over 40 years. Gone are the days of mixing and matching different brands of hardware, software and IP components. Everything is compatible and is guaranteed to work. Customers select each component they need to build a starter kit to adapt to their unique door system.

IP Pro™
IP-based
Access Control
Starter Kit

The IP Pro is a single door IP controller with expandability, supporting up to 15,000 users. Designed for ease of use, the IP Pro embedded software allows for real-time monitoring and user management via a web browser.

IP Pro Controller

IP Pro Splitter

IP Pro Injector

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 (No separate software to install)
- Live transaction monitoring
- Entry & exit reader capability
- Compatible with industry standard Wiegand output readers
- Reader short circuit protection
- 15,000 users (up to 2 credentials per user)
- Batch card enrollment

- 250 User groups/Time Zones/Door Groups
- Holiday support
- Scheduled Events
- Temporary Users
- Audit Trail – Up to 5,000 events may be exported as a .csv file
- Status LED's – Power, Communications, & Fault on-board diagnostic indicators
- Anti-tailgating
- Anti-passback (global or localized)
- Supported browsers: Microsoft Internet Explorer 8 & 9, Firefox 8.0, 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

MODELS

IPDC-SK   IP Pro Starter Kit, including Controler board, Splitter, Injector

IPDC-SKB   IP Pro Starter Kit, including above components plus Controller box

SPECIFICATIONS

IP Pro Controller

Voltage	12 VDC Input
Current Consumption (max)	250mA
Operating Temperature	14°F – 122°F (Indoor use only)
Dimensions	5.375" 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
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 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	30Watts (Guaranteed)