

# Specifications

A PRODUCT OF SECURITY INNOVATIONS, INC.

## Access-Plus® Real On-line Security

### REAL-TIME RESPONSE FOR REAL SECURITY:

True on-line access control with immediate validation/invalidation of keys and real-time central reporting of transactions.

### INNOVATIVE LOCK TECHNOLOGY:

Sensor-Lock™ alerts the front desk when doors are forced or left open.

### VERSATILE READER TECHNOLOGY:

Choose any combination of readers, from the standard Access-Plus card key to smart card, proximity, biometric and keypad.

### STANDARD COMPONENTS:

Access-Plus is designed to install easily with standard sizes, wiring and voltage.

### OPTIONAL FEATURES:

- Secondary annunciation of smoke detection
- Paging alerts
- Energy management controls for lighting and air-conditioning

### MADE IN THE USA:

Security Innovations Incorporated is owned and operated in the United States, with satellite offices in Asia and Europe.

### SYSTEM FEATURES:

- Distributed network
- Up to 10,000 card/user capacity
- Minimum 2,000 event buffer per controller
- 255 access groups
- 32 programmable time periods
- Scheduled lock/unlock
- Limited use cards
- Unlimited choice of holidays/special days
- Supports standard card technologies, biometrics, keypad, proximity and smart cards



**DIMENSIONS:**

**Reader**

- 3-gang masonry box for insert magstripe cardreader: 3 1/2" (H) x 5 1/2" (W) x 3 1/2" (D).
- Insert magstripe cardreader (mounted inside wall cavity) 1 1/8" (H) x 5 7/8" (W) x 3 7/8" (D).

**Controller**

- APX panel box for APX, power supply and battery 12 1/2" (H) x 10 1/2" (W) x 3" (D).

**Lock**

- Mortise pocket in door is a standard cutout except for the depth which is 5 7/8" or 1 inch deeper than standard (no coring or wiring of door required).
- Pocket in door jamb behind strike plate for dust box 3 7/16" (H) x 1 1/8" (W) x 1 1/8" (D).

**PER CONTROLLED DOOR:**

- 1 Sensor-Lock™ electrified mortise lock
- 2 alarm inputs
- 1 Form C relay– normally open or closed (optional)
- 1 reader – magstripe or Wiegand compatible (proximity or biometrics)
- 1 Passive infrared sensor input (optional)
- 1 Analog to digital input (optional)

**PER APX CONTROLLER:**

- 1 APX Controller
- 1 12 VDC 3amp power supply
- 1 12 VDC backup battery (minimum 4AH)

**HOST PC:**

- PC Computer with hard drive, HD floppy disk drive and CD-ROM drive
- Color monitor
- Mouse
- Keyboard
- Card key reader
- Printer

**SOFTWARE:**

- Access-Ez PC-based software on CD-ROM
- Microsoft Windows

**USER GUIDE BINDER:**

- Access-Ez User Manual
- APX Installation Manual
- Worksheets
- EZ Guides
- APX Quick Install Insert

**REQUIREMENTS FOR INSTALLATION:**

- Minimum 500 mA @ 12 VDC
- Operating environment: 32°F – 115°F (0°C – 46°C) non-condensing humidity
- AC power hook-up, minimum 1 amp at 110-220 VAC

**CABLE REQUIREMENTS:**

CONNECTION TYPE	CABLE TYPE	ALPHA PART NUMBER	MAX.DISTANCE
Cardreader (magstripe)	10 conductor 22 gage stranded shielded	Alpha 1299/10C or equivalent	50 ft
Cardreader (proximity)	3 pair twisted 22 gage stranded shielded	Alpha 2213C or equivalent	50 ft
SensorLock™	1 pair non-twisted 18 gage stranded shielded	Alpha 2421C or equivalent	50 ft
Alarm Input	1 pair non-twisted 22 gage stranded shielded	Alpha 2402C or equivalent	50 ft
Power (to APX)	1 pair non-twisted 18 gage stranded shielded	Alpha 2421C or equivalent	50 ft
Communications	2 pair twisted 22 gage stranded shielded	Alpha 2212C or equivalent	Total 4,000 ft

*Specifications are subject to change without notice.*

**CONTACT US FOR MORE INFORMATION: 1-800-899-7272**



**SECURITY INNOVATIONS INCORPORATED**

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