

SECURA KEY PRODUCTS

The Secura Key access control system uses one or more control panels, each connected to one or two card readers, keypads or biometric sensors. The system is programmed using SK-NET™ software running on a Windows computer. The following questions will guide you through the process of designing a system.

How many readers will there be?

Usually there will be one reader per door, but if you want to monitor traffic in and out, you will need two readers per door.

SK-ACP-LE Control Panel

$$\frac{\text{_____}}{\text{\# of readers}} \times 0.5 = \frac{\text{_____}}{\text{\# of panels}} \times \frac{\text{_____}}{\text{cost each}} = \frac{\text{_____}}{\text{Total Cost}}$$

Secura Key offers a variety of readers that can be used with the SK-ACP-LE. Wiegand output readers by other manufacturers can also be used.

e*Tag® Contactless Smart Card Readers:	ET8-RO-W-M _____	ET8-RO-W-D _____	
	ET4-WXM _____	ET4-WXS _____	
Radio Key® 125 KHz Proximity Readers:	RK-WM _____	RK-WS _____	RK-WL _____
Wiegand-Output Piezo Keypads:	SK-KPM _____	SK-KPS _____	

$$\frac{\text{_____}}{\text{\# of readers}} \times \frac{\text{_____}}{\text{cost each}} = \frac{\text{_____}}{\text{Total Cost}}$$

How many cards or key tags do you need?

Minimum order quantity for cards and tags is 50. **You must order the correct card/tag type to match the readers selected.**

- e*Tag® readers: ETCI-W26 or ETCI-W32 standard cards
 ETST-W26 or ETST-W32 key tags
- Radio Key® readers: RKCM-02 (Format 201 (26bit) or Format 303 (32bit) molded cards
 RKCI-02 (Format 201 (26bit) or Format 303 (32bit) ISO cards
 RKKT-02 (Format 201 (26bit) or Format 303 (32bit) key tags

$$\frac{\text{_____}}{\text{\# of cards/tags}} \times \frac{\text{_____}}{\text{cost each}} = \frac{\text{_____}}{\text{Total Cost}}$$

How will you provide power to the system?

In most cases, you can connect each SK-ACP-LE to a low voltage power source (at least 500 mA) and the readers will receive power from the control panel. We recommend using a 24VDC power supply. However, the RK-WL (and other large readers) require a separate 12VDC power supply.

SK-ACP-PS Power Supply w/ Standby Battery

$$\frac{\text{_____}}{\text{\# of panels}} \times 1 = \frac{\text{_____}}{\text{\# of power supplies}} \times \frac{\text{_____}}{\text{cost each}} = \frac{\text{_____}}{\text{Total Cost}}$$

SK-XFRMR 16.5 VAC Plug-in Transformer

SK-12VDC 12 VDC Power Supply Board Both are used together to power RK-WL readers (set)

$$\frac{\text{_____}}{\text{\# of RK-WL}} \times 1 = \frac{\text{_____}}{\text{\# of sets}} \times \frac{\text{_____}}{\text{cost each}} = \frac{\text{_____}}{\text{Total Cost}}$$

How will you connect the system to your computer?

You can choose to hard-wire the system to a PC or just plug in a laptop when you want to do programming. Remote locations can be connected using a dial-up modem or a TCP/IP connection, with SK-NET-MLD software.

		<u>Cost Each</u>
SK-QUICKCONN	Cable for temporary connection to laptop COM port.	_____
SK-PLUG9	DB9 plug pigtail for permanent RS-232 connection	_____
NET-CONV-P	RS-232 to RS-485 converter, for computer over 100' away	_____
SK-MDM	External 56K modem, pre-configured for SK-NET™	_____
SK-LAN	External device server for connection to a LAN	_____
Total Cost:		_____

Which software version do you need?

Basic SK-NET™ manages one location from one, locally connected computer. Upgrade versions allow multiple locations, remote sites and multiple workstations.

		<u>Cost Each</u>
SK-NET-DM	Basic software, one computer, one hardwired location.	_____
SK-NET-MLD	Multiple locations, connection via dial-up modem or TCP/IP	_____
SK-NET-MLD-C/S_	Client/Server version has features of SK-NET-MLD plus multiple workstation access and five software user levels.	_____
Total Cost:		_____

PRODUCTS BY OTHER MANUFACTURERS:

What equipment do I need from others?

WIRE- You will need six-conductor, shielded cable (not twisted pair) between the panels and the readers. This same cable can be used when the nearest panel is within 100' of the computer and the SK-PLUG9 is used. You will need two twisted-pair (or CAT5) cable between the panels and also from the NET-CONV-P (if used) to the nearest panel. You will also need standard 18-2 cable for lock, power and accessory connections.

_____	X	=	_____
Ft. of 6 conductor cable		cost / foot	Total Cost
_____	X	=	_____
Ft. of CAT5 / 2 twisted Pair		cost / foot	Total Cost
_____	X	=	_____
Ft. of 18-2 cable		cost / foot	Total Cost

LOCKS / OPERATORS- The system can operate all types of electric locking devices and gate operators. Separate power supplies should be used for these. Auxiliary controls, such as request-to-exit sensors, keyswitches and indicator panels can also be obtained from the lock or operator supplier.

_____	X	=	_____
# Locks/Operators		cost each	Total Cost

GRAND TOTAL: _____

The above guidelines cover the most common applications. For special circumstances or integration with other systems, call for assistance.



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