

Access Control System

SK-NET / SK-ACPE



SK-NET™ Access Control Software is an easy-to-use Windows®-based program for managing SK-ACPE control panels. The basic software allows up to 200 doors to be connected using a high-speed RS-485 twisted pair bus, and it also allows a single TCP/IP connection. Doors can be controlled and programmed from a central, non-dedicated computer.

SK-NET™-MLD allows the creation of an unlimited number of locations and connection via RS-485, dial-up modem or TCP/IP. The entire system can be connected via TCP/IP if desired. Client/Server licenses are also available that permit software access from multiple workstations. SK-NET-MLD features fully integrated ID badging software, allowing a single database entry (including photo) for access control and card badge production.

SK-NET™ is very intuitive for Windows® users. SK-NET™ Explorer uses a familiar format to configure the access control system. Windows® conventions such as drag-and-drop and right-click menus make SK-NET™ easy to learn.

Transaction history displays all card uses with time, date, location and user. The User Manager screen is used to assign access privileges and to monitor in/out status.

SK-NET™ also features video integration when used with the Hikvision Video Management System. Stored video images are associated with card transactions, alarm conditions or other audit trail events.

Features:

SK-NET™ SOFTWARE

- Control up to 200 Doors per connection on an RS-485, Twisted Pair Cable
- Windows® Compatible
- Client/Server Licenses for Multiple Workstations
- Full Graphical Time Zone Display
- Transaction, User and Reader Reports with Filtering
- Real and Timed Antipassback
- Optional Multi-Location Software with Dial-up Modem and TCP/IP Capability

The SK-ACPE Access Control Panel is the latest version of the legendary SK-ACP, now featuring built-in Ethernet capability, improved surge suppression on RS-485 inputs, continuous battery and power status monitoring, and increased memory capacity. The SK-ACPE can be used as a drop in replacement for the SK-ACP, because all field wiring connectors are identical. The SK-ACPE is also compatible with previous versions of SK-NET software.

The SK-ACPE Advanced Control Panel is a highly sophisticated, yet simple to use, two-door access control unit. The unit accepts readers that have a Wiegand output with almost any card technology.

Each of the two doors controlled by the unit is completely independent of the other and is configured, programmed and viewed separately. Each door has a separate node address. Each door has two programmable inputs which may be programmed to function as a door open, remote inactive, door monitor, tamper, arming circuit, door unlock, or user defined input. Each door has two outputs. One output is the relay that activates the door-operating device. The other output is programmable to activate under one of many possible alarm conditions, time zone or card violations.

As a stand alone, the unit may be programmed using a PC either locally or via a modem over standard phone lines. Transaction information is stored by the unit and may be downloaded to a PC or printer.

The SK-ACPE includes an on-board connector for the SK-WLSE-MOD wireless LAN module (802.11 b/g).

SK-ACPE CONTROL PANEL

- Supports Two Wiegand Output Card Readers
- 65,000 Card Capacity
- 10,000 Date and Time Stamped Stored Events
- 15 Programmable Time Zones with Weekly Schedule Plus 32 Holidays
- Modem Capability for Remote Locations
- On-Board Ethernet-no interface module required
- UL294, FCC and CE Regulatory Approvals

SK-NET™ SPECIFICATIONS

Access Control System

	SK-ACPE-LE Large Enclosure	SK-ACPE-NE Board Only (with Connectors)
Dimensions (H, W, D)	11" x 10" x 3" 27.94 x 25.40 x 7.62 cm	7" x 6.125" x 1.15" 17.78 x 15.56 x 2.92 cm
Mounting	Wall mount	No Enclosure, mount with #4-40 screws and Standoffs
Weight	68.8 oz (1.95 kg)	9.88 oz (0.28 kg)
Enclosure Material	Steel	NA
Enclosure Color	Beige	NA
Power Requirements	15.5 – 24VAC or 16-30VDC, 100 mA plus reader current draw	
Recommended Power Supply	16.5 VAC 40 VA Transformer or 24 VDC, 1 Amp Power Supply - RKWM, RKWS, ET8 Readers 16.5 VAC 40 VA Transformer, - add RKWL Readers	
Latch / Shunt Relays	2 - DPDT contact 5A up to 250 VAC or 30 VDC	
Aux Relays	2 - DPDT contact 2A up to 220 VAC or 30 VDC	
Inputs	Require SPST contact closure	
Communications, Cable Requirements	RS232: 5 wire shielded cable, from PC to control panel, up to 100 ft RS485: single twisted pair, shielded w/ground up to 4000 ft Wiegand Inputs: (2) 6-conductor shielded w/ground up to 500 ft Modem: Hayes compatible 1.2 to 38.4 kbaud LAN: Built-in network interface accepts RJ45 connector Printer: Serial Printer (or parallel printer with serial converter)	
Reader Inputs	Two SIA Wiegand Reader inputs accept any Wiegand device with maximum 40 bit output and 16 ID bits.	
Environmental	Operating Temperature: -40° F to 158° F (-40° C to 70° C); Operating Humidity: 0-95% RH non-condensing	
Operational	Card Capacity 65,535 , Transaction Storage 10,000 events; 15 Time Zones, 32 Holidays, 16 Facility Codes Latch/Alarm Shunt Timer: 1/4 to 30 seconds; 2 Auxiliary Inputs, 2 Auxiliary Outputs (Programmable) Limited Use Cards 65,535, 1-500 uses, days, weeks or number of days after first use.	
Memory	Non-Volatile (Programming retained, even if power is lost)	
Regulatory Approvals	UL/cUL294, Part 15 Class B FCC, CE Mark	
Warranty	These Secura Key products are warranted for 3 years. See price list for complete terms and conditions	
	SK-NET™ SOFTWARE	
Recommended System	Windows® XP, Vista or 7, PC with 2 GHz processor, 2 GB RAM, 10GB Available disk space, 16 bit video card	
Cardholder database fields	First Name, MI, Last Name, Card Number, Access Group, Employee number, Title, Department, Telephone Ext., User 1, User 2, User 3, Parking ID, Vehicle 1 and Vehicle 2, User Photo	
Event database fields	Time, Date, Card Number, User Name, Transaction Type, Reader ID/Location	
Reports	Cardholder, Event	
Access Groups	Unlimited groups used to assign Readers and Time Zones to Card User Groups	
Antipassback	Real or Timed, Hard or Soft, operational with PC or offline – includes optional daily real APB forgive	

ORDERING

PANELS

SK-ACPE-LE	Large Enclosure
SK-ACPE-NE	No Enclosure (board only) with connectors and mounting screws

SOFTWARE

SK-NET-DM	Basic SK-NET™ with Disk & Manual, allows one TCP/IP connection, single-user, single location
SK-NET-MLD	Multiple Locations via Dial-Up Modem and Multiple TCP/IP Communications, Badge Printing
SK-NET-MLD-C/S	Multiple User Workstations, Multiple Locations via Dial-Up Modem and TCP/IP Communications (2, 5, 10, 15 user licenses available)

ACCESSORIES

NET-CONV-P:	RS232 to RS485 converter with power supply
SK-MDM:	External 56K modem
SK-WLSE-MOD:	Wireless LAN Adapter, plug-in
SK-PLUG9:	DB9 female computer connector
SK-USB:	USB to RS-232 converter for computers without COM ports
SK-LOCK:	Optional lock and keys for SK-ACPE enclosure
SK-ACP-PS:	Power supply kit including DC supply and battery
SK-24VDC:	24VDC, 1Amp plug-in power supply
SK-XFRMR:	16.5 VAC, 40VA plug-in transformer w/ground
DTK-XR:	Surge protection for power, data and phone lines
DTK-CR:	Surge protection for card readers and keypads
SK-BAT:	4 AH – 12VDC battery only
SK-TS-CP	Enclosure Tamper Switch
SK-232E	MTA to DB9 cable assembly
SK-ACP-ENC	Enclosure for SK-ACPE, 10" x 11" x 3" (Steel, Beige)