SK-NET™

Secura Key
A Division of SOUNDCRAFT Inc.

Smart. Reliable. Secure.

Access Control System
SK-NET / SK-ACP

SK-NET™ Access Control Software is an easy-to-use Windows®-based program for managing SK-ACP 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™ 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 Remote Eyes® Video Management from Odyssey Technologies. Stored video images are associated with card transactions, alarm conditions or other audit trail events. SK-NET™ is fully integrated with SK-EZ/ID badging software, allowing a single database entry (including photo) for access control and card badge production.

The SK-ACP 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-ACP includes an on-board connector for either the SK-LAN-MOD network adapter module, or the SK-WLS-MOD wireless LAN module (802.11 b/g).

Features:

SK-NET™ SOFTWARE
- Control up to 200 Doors per connection on an RS-485, Twisted Pair Cable
- Windows® XP or Vista 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

SK-ACP CONTROL PANEL
- Supports Two Wiegand Output Card Readers
- 65,000 Card Capacity
- 4,800 Date and Time Stamped Stored Events
- 15 Programmable Time Zones with Weekly Schedule Plus 32 Holidays
- Modem Capability for Remote Locations
- TCP/IP Capability for LAN Connection
- UL294, FCC and CE Regulatory Approvals

SK-NET™
SPECIFICATIONS

Access Control System

	SK-ACP-LE Large Enclosure	SK-ACP-SE Small Enclosure	SK-ACP-NE Board Only
Dimensions (H, W, D)	11" x 10" x 3" 27.94 x 25.40 x 7.62 cm	8" x 8" x 2.5" 20.32 x 20.32 x 6.35 cm	4.6" x 4.8" x 1.0" 11.68 x 12.19 x 2.54 cm
Mounting	Wall mount	Wall mount	Enclosure, 4 standoffs
Weight	68.8 oz (1.95 kg)	36 oz (1.02 kg)	3.73 oz (0.11 kg)
Enclosure Material	Steel	Steel	NA
Enclosure Color	Beige	Beige	NA
Power Requirements	15.5 – 24VAC or 16-30VDC, 100 mA plus reader current draw		
Recommended Power Supply	24 VDC, 500 mA - RKWM, RKWS, ET8 Readers 24 VDC, 1 Amp - add SK-LAN-MOD, SK-WLS-MOD 24 VDC 1.5 Amp - 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, up to 38.4 kbaud, full duplex 8N1 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: Requires optional plug-in module Printer: Serial Printer (or parallel printer with serial converter)		
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 / Door, Transaction Storage 4,864 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 4,000 (Contiguous) 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 2 years. See price list for complete terms and conditions		
	SK-NET™ SOFTWARE		
Recommended System	Windows® XP or Vista, PC with 2 GHz processor, 1 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-ACP-LE — large enclosure
SK-ACP-SE — small enclosure
SK-ACP-NE — no enclosure (board only)

SOFTWARE
SK-NET-DM — Basic SK-NET with Disk & Manual
SK-NET-MLD — Multiple Locations via Dial-Up Modem and TCP/IP Communications
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-LAN-MOD: — Network Adapter, plug-in
SK-WLS-MOD: — Wireless LAN Adapter, plug-in

CBLSA: — Cable kit for use with laptop computers
SK-QUICKCONN: — DB9 to RJ11 3' cable - Laptop to SK-ACP
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-ACP enclosure
SK-ACP-PS: — Power supply kit including transformer and battery
SK-24VDC: — 24VDC, 500 mA plug-in power supply
SK-XFRMR: — 16.5 VAC, 40VA plug-in transformer w/ground
SK-DCPWR: — Filtered DC power supply board
DTK-XR: — Surge protection for power, data and phone lines
DTK-CR: — Surge protection for card readers and keypads
SK-BAT: — 1.9 AH – 12VDC battery only
SK-EZ/IDKIT1: — Badge creation software, camera, cables, ribbon with 4-color badge printer, 100-card capacity
SK-EZ/IDKIT2: — Same as above, with dual-sided printing
SK-EZ/IDKIT3: — Same as above, with low-volume printer – single card, hand feed.

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