

**CONNECTING AN SK-ACP  
OR 28SA-PLUS TO A  
LOCAL AREA NETWORK**

**Secura Key**  
A Division of SOUNDCRAFT Inc.

## Using the SK-LAN External Device Server with the Secura Key SK-ACP and/or 28SA-PLUS.

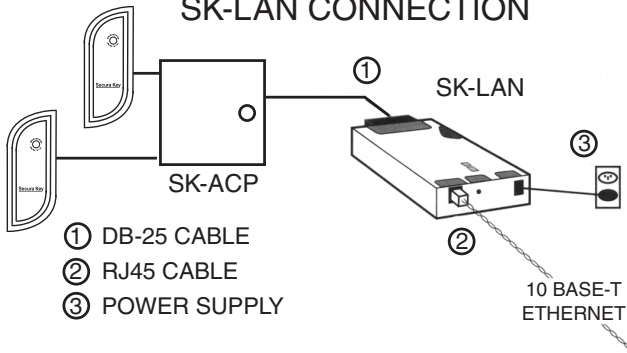
The SK-LAN External Device Server (Lantronix UDS-10-01) has been selected by Secura Key for use with our networkable access control system to permit connection over a 10BASE-T Local Area Network. The SK-LAN is connected directly to the RS-232 port of the gateway panel or reader.

Before installation, the Network Administrator needs to assign an address to the SK-LAN. *To avoid duplicate IP address conflicts, be sure to reserve this address in your DHCP server.*

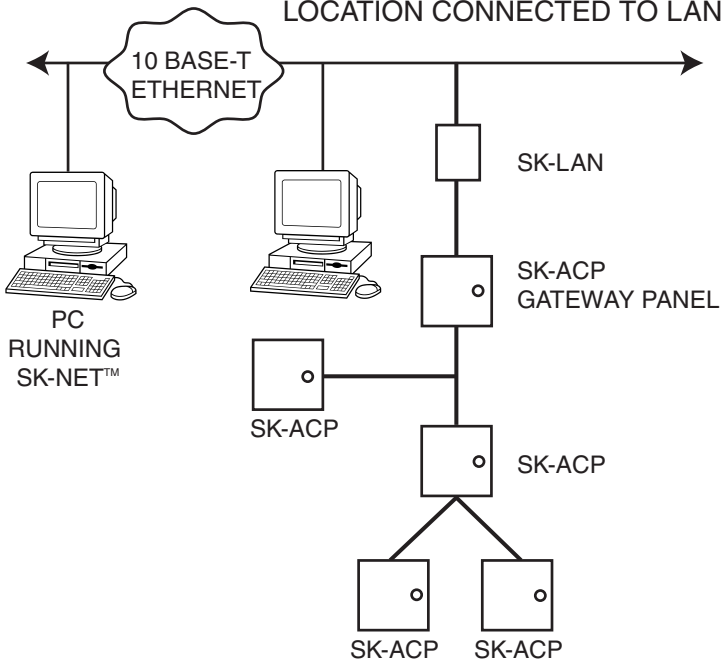
1. Connect a PC to the SK-LAN with a serial cable. Do not power up the SK-LAN yet.
2. Run Hyper Terminal (Start/Programs/Accessories/Communication/Hyper Terminal)
3. Select the appropriate COM port.
4. Set Baud rate (Bits per second) to 9600; Data Bits to 8; Parity to 0; Stop bits to 1 and Flow Control to None. Click OK and OK.
5. Holding down the "X" key, power up the SK-LAN. Release "x" key when prompted to hit the "enter" key.
6. "Enter" to go to setup mode.
7. Select "0" for server configuration.
8. Enter the IP address assigned to the SK-LAN by the Network Administrator.
9. Enter the Gateway address provided by the Network Administrator.
10. Enter the SubNet Mask, provided by the Network Administrator.
11. Accept the remaining default settings.
12. Enter "1" to go to Channel 1 configuration.
13. Change the baud rate to match the SK-ACP or 28SA-PLUS. The default baud rate for these products with firmware version 2.40 or later is 38,400. (Older products had a default of 9600.)
14. Accept the other default settings.
15. Enter "9" to save the settings and exit.

PANEL / READER	WIRE COLOR	DB25
1	BLACK	7
2	WHITE	3
3	RED	8
4	GREEN	4
5	ORANGE	2

## SK-LAN CONNECTION



## LOCATION CONNECTED TO LAN



Install the SK-LAN in the field. Connect the Gateway panel or reader to the DB25 serial output using the provided cable. Connect the 10BASE-T port to a network jack with an Ethernet cable. Connect the included power supply to 110VAC.

### DO NOT:

- Plug the Ethernet cable into a telephone jack.
- Substitute another power supply.
- Mount the unit in a wet location or a location where temperatures may exceed 120 degrees F.

Test the unit.

1. Ping.

Go to “Start” / “Run”.

Type “command”. Click OK. (This brings up a command prompt.)

Type “ping <IP address>”. Press “Enter”.

If the reply indicates “Request Timeouts” there is an error in the setup or connections.

If the reply shows “Packets sent” and “0% Loss”. The setup and connections are good.

2. Communicate with SK-LAN.

Go to “Start” / “Run”.

Type “telnet <IP address> 9999”. Click OK.

The setup menu of the SK-LAN should appear. Exit

3. Find the Gateway reader/panel.

Go to “Start” / “Run”.

Type “telnet <IP address> 10001”. Click OK. Enter.

The internal menu of the reader or panel should appear. Exit.

You are now ready to configure your system using SK-NET-MLD software. See Section 2.2.1.4 d for instructions.

**NOTES:**

- 1) Always close SK-NET™ before closing WINDOWS® to avoid LAN communications failures.
- 2) The manufacturer’s instruction manual is included with the SK-LAN. Keep this document for additional troubleshooting and setup information.

**WARRANTY:**

This product is warranted by the manufacturer - Lantronix. Please contact Lantronix for product support.

**Technical Support**

Hours: 6:00 am to 5:30 pm Pacific Time

Monday - Friday (excluding holidays)

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