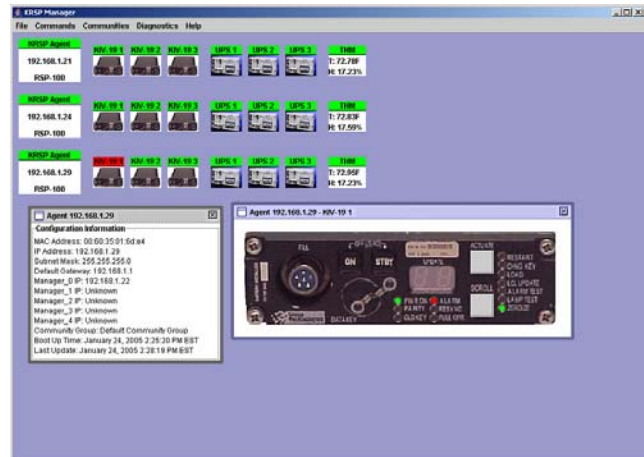# SNMP Manager for up to 3 KIV-19s, 3 UPSs, and a Temperature/ Humidity Sensor
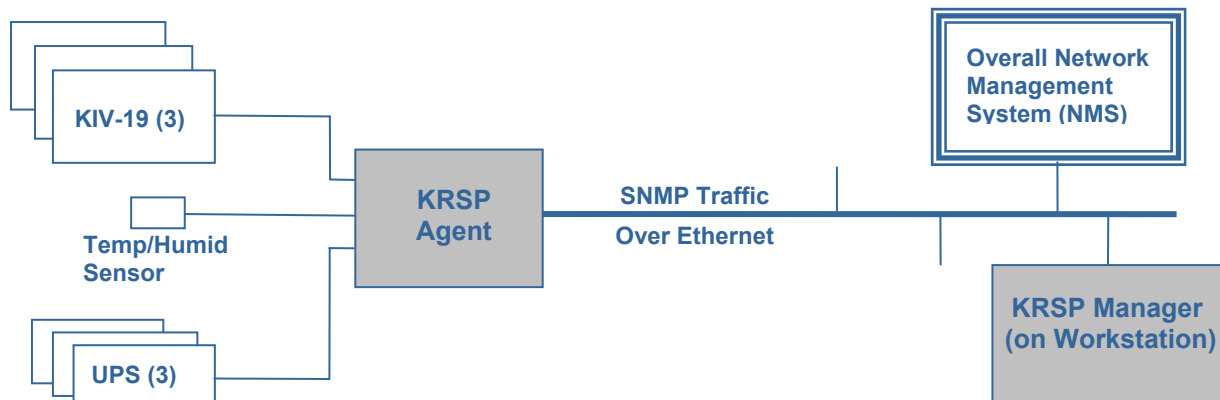

KRSP Agent

The KIV-19 Remote SNMP Proxy (KRSP) Model RSP-100 manages up to three KIV-19/ KIV-19A/ KIV-19M trunk encryption devices using SNMP (Simple Network Management Protocol) over an Ethernet connection. Additionally, Model RSP-100 monitors a Temperature/ Humidity Sensor and manages up to three serial ports used by three Uninterruptible Power Supplies (UPSs). The KRSP consists of a hardware Agent and a software Manager. The Agent includes the physical interfaces to all the managed devices. It occupies 1/3 of a 1U rack-mount space. The Manager includes a Graphical User Interface (GUI) that provides full functionality on any workstation or laptop. A Management Information Base (MIB) is also provided for easy incorporation into any Network Management System (NMS). The KRSP can be modified to support other non-SNMP-capable legacy devices.

KRSP Manager

KIV-19 (3)

Temp/Humid Sensor

UPS (3)

KRSP Agent

SNMP Traffic Over Ethernet

Overall Network Management System (NMS)

KRSP Manager (on Workstation)

Temperature/ Humidity Module

- Measures and reports ambient temperature and humidity.
- One-Wire interface to KRSP Agent used for signal and power.
- Wall or surface mountable.
- Size: 3.5" x 2.0" x 1.25"

Features

- Fully SNMPv1/ SMIv1 compliant.
- Ethernet 10/100 Base-T physical interface.
- Uses Traps and Queries to support all monitor and control functions provided by the
- KIV-19/ KIV-19A/ KIV-19M.
- Includes a desktop-style Manager GUI which provides at-a-glance status information of all managed devices and easy access to each device's control functions.
- Includes a MIB which supports easy integration into an overall NMS.
- Facilitates easy configuration using a front panel console port for HyperTerminal access or an Ethernet connection for a Telnet session.
- Allows disabling remote control of KIV-19/ KIV-19A/ KIV-19M by a front panel switch.
- Non-invasive addition to current systems using existing and supplied cables.
- Agent occupies 1/3 of a 1U rack-mount space. A single Agent mounting tray and a 1U triple Agent mounting tray are available.
- Agent operates from a +5VDC power supply (other options available).
- Temperature/ Humidity Module (Model THM-100) provides ambient conditions to Agent.
- Supports up to three bi-directional serial ports.

Other Products in the KRSP Family

- KRSP Model RSP-104
  SNMP Manager for up to four (4) KIV-19s in 1/3 of a 1U rack-mount chassis.

- KRSP Model RSP-116
  SNMP Manager for up to sixteen (16) KIV-19s in a 1U rack-mount chassis.

- KRSP Model RSP-716
  SNMP Manager for up to sixteen (16) KIV-7s in a 1U rack-mount chassis.

RSP-104 was selected by the US Army for the Network Operation Center Vehicle (NOC-V)