Intraplex® SCM-IP Features

Industry-Standard SNMP Management

The Intraplex® Shelf Control Module (SCM) for IP provides Simple Network Management Protocol (SNMP) agent support for the Intraplex family of products. The SCM-IP module processes commands from a network management software program (a personal computer or workstation) and translates the SNMP into Intraplex Simple Command Language (ISiCL) commands that are recognized by Intraplex products. One SCM-IP module an communicate with and control a network of Intraplex Access Server, STL PLUS®, AudioLink PLUS™, and CrossConnect Server systems. This standard-size Intraplex module plugs into any available card slot in a standard shelf.

IntraGuide® Control Over IP Networks

The SCM-IP module can also communicate over an IP network with IntraGuide configuration and management software, a Windows®-based interface for remotely configuring Intraplex common modules and channel modules. With this SCM-IP-IntraGuide communication, authorized users can access, manage and monitor Intraplex equipment from any point in the IP network. Also, many SNMP network management programs can be configured so that a click on a network map launches IntraGuide, providing detailed status display and configuration control. The SCM-IP module provides a tightly integrated management interface, combining the benefits of SNMP alarm (trap) monitoring with IntraGuide software's detailed configuration capabilities.

- 10 Base-T Ethernet port for LAN connection to the network manager
- Three daisy-chained RS-485 ports for local shelf connections
- Automatic detection of common and channel modules
- Web server configuration with password protection
- Two SNMP community names (read and read/write) for additional security
- Proxy/translator between SNMP and ISiCL
- DHCP client
- Shelf status information automatically updated in an internal database
- Hot-swappable
- Communications interface with IntraGuide configuration and management software

Intraplex® SCM-IP

Specifications

Specifications and designs are subject to change without notice

General	
System Compatibility	Compatible with Intraplex Access Server, STL PLUS, AudioLink PLUS and CrossConnect Server systems
Configuration	Built-in Web server allows configuration of ISiCL communication parameters for interfacing to common module's remote ports; auto-detection of common and channel modules; IP addressing SNMP system group and event notification configuration; password control and SNMP security; TCP port number and password for IntraGuide communications
IntraGuide Compatibility	Each SCM-IP on an IP network is uniquely identified by its IP address, allowing access via IntraGuide software to complete configuration and status info for all connected Intraplex modules
SNMP Standards Compatibility	• Network Management Protocol: SNMP v2 per RFC1901-1908 • Management Information Base: MIB II per RFC1213
SNMP Functions	• SNMP event notification and traps • SNMP Get • SNMP Set

Input/Output Connectors	
MA-440 module adapter provides an RJ-45 connector for a 10 Base-T interface and three RJ-11 jacks for RS-485 interfaces	

Network Interface	
RJ-45 Ethernet connection for 10 Base-T network interfaces	

Status Indicators	
• Activity LED • Fault LED	

Physical and Environmental	
Power Consumption	3.5 W maximum
Temperature	32° to 122° F (0° to 50° C) operating
Humidity	0% to 95% non-condensing