GYDA-SC

Web and SNMP based Control, Monitoring and Configuration
– Element manager for Flashlink

- Controls up to 8 Flashlink frames
- 10/100Base-T Ethernet interface with TCP/IP protocol
- Standard web browsers to configure and monitor Flashlink.
- Log-files are stored on compact flash card
- User-friendly graphical user interface
- Support for VikinX Compact and VikinX Sublime router control
- SNMP system with alarm and trap filtering implemented for all modules
- FTP service for online upgrades
- No annual licence fee
- Visualize system condition in Visio drawings (option)
  And many more ...

Example of web interface in GYDA-SC

SYSTEM
CPU 400MHz Intel PXA255 StrongARM
Memory 64MB SDRAM 8MB Flash

ELECTRICAL INTERFACES
2 x RS-232 or RS-422 control ports on DB9F conforming to IBM PC (RS-232)
  or SM/TEPE 207M (RS-422)
1 x 10BaseT/100Base-TX fast ethernet, full duplex capable

POWER CONSUMPTION
+5V DC / 3W
REMOTER MONITORING AND CONTROL
Use internet technology to connect remote sites together, enabling complete control of all your Flashlink equipment from all locations. Sending technicians to remote locations for error tracing becomes a thing of the past. Error correction is faster, saving money and providing better availability to the end user.

ONLINE MONITORING
GYDA-SC will continuously monitor the system for all vital parameters, like signal quality and power supply voltages. The web page is automatically updated with the latest information.

CONFIGURATION
All cards can be configured through GYDA-SC. Some cards have advanced configuration possibilities which are straight-forward with GYDA-SC.

The configuration is stored in GYDA-SC securing on-the-fly card replacements with minimum down time.

ALARMS
GYDA-SC has advanced alarm handling, where an operator can get a “system health condition” report. The alarms will not be removed from the alarm list until they are acknowledged by an operator. An alarm can be acknowledged while it still is active, it will then be removed automatically from the alarm list, the moment the cause of the alarm is resolved.

Example of alarms:
- Card removed
- Loss of signal
- Laser failure
- Supply voltage out of range
- GPI input

SYSTEM VISUALIZATION
As an optional feature you can use your Visio system drawings to visualize the connection and the system status in GYDA-SC.

GYDA-SC AND SNMP APPLICATIONS
All Flashlink modules will generate SNMP traps according to user settings in the interface configuration section on the GYDA-SC. GYDA-SC is also able to interface and control cross point settings of the VikinX Compact routers, providing cross point information via SNMP or the web interface.

This feature gives you the possibility to have:
- Audible alarms
- Alarm notification on e-mail
- Browser pop-up on module pages with alarms
- Trap relay

LOGGING
The logging facility gives the user a system history with date and time of each event. The log will be stored on the flash card, and can not be cleared without a reset, making it ideal for error tracing «a posteriori».

The log file can easily be exported to your computer for future reference.

Availability and Password protection
In the default setup, GYDA-SC is available to all users on the network. GYDA-SC allows anonymous/open access to the card information. Two extra levels of protection (observer and operator) can be enabled for situations where anonymous access to the system, alarm and log tabs is not wanted.

Manuals and technical documentation are always available since GYDA–SC has a complete collection of all Flashlink manuals in Adobe PDF format.