Draco tera Controller Board Version 2 480-CTRL2

The new generation of the Draco tera enterprise controller board

Fail-safe TCP/IP redundancy

Genlock for seamless switching of native SDI

Enhanced monitoring features

Secure user authentication

THE NEW CONTROLLER BOARD

Dual TCP/IP Interface

The controller board offers dual TCP/IP ports (standalone operation or redundant matrix-grid interconnection) to ensure a fail-safe, redundant network access.

Local Configuration Access

Draco tera enterprise KVM systems are equipped with a main controller board to provide local access for system administration, status, diagnostics and maintenance functions.

Monitoring

To ensure focused monitoring for all relevant matrix functions and components on a secure level of application, SNMP V3 is part of the new feature set. Based on the wide range of MIB information, SNMP can be used for both receiving Trap alerts and sending GET commands.

Authentication

For secure and selective user authentication the range of new features also includes the LDAP V3 network protocol for accessing distributed directory information services. Based on LDAP the use of Active Directory as a fully supported and common directory service is possible.

Synchronized switching

The new Genlock interface allows seamless native SDI switching (optimal synchronization of video sources when the switch is in use with Universal I/O boards).

Compatibility

After a firmware update (at least V03.05) the new controller board will work in all IHSE Draco tera enterprise KVM matrices. For maximum compatibility, the new controller board can be used with its previous version, no matter if using a Matrix Grid or both controller cards within one chassis to ensure redundancy.

Increased System Performance

The board comes along with a remarkably enlarged system performance, improved boot and update times. This especially comes into account when running a Matrix Grid or reducing downtimes by an accelerated system update. The modular embedded firmware platform has been designed future proof for further developments and features.

INTERFACES

> **Dual TCP/IP** interface (redundant) for monitoring, updates and external control
> **HDMI** - Connection for local configuration and monitoring console
> 2x **USB** for local keyboard and mouse access
> **RS-232** interface for connecting media controllers

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