The barox RY-LPITE-802GBTME 480W PoE DIN rail industrial managed switch

A rugged, high-quality switch for use in high performance 10/100/1000Mbps Ethernet ring networks in compliance with IEEE802.x, the barox RY LPITE-802GBTME features eight copper ports with PoE, PoE + and PoE ++

The switch allows two or more ports to build one or more fault tolerant rings, where, for example, a two-port bundle can be used to provide 120W (Max), configured as Port 1 60W/Port 2 60W, or Port 1 90W/Port 2 30W, etc. In the event of a network interruption, the ring closes automatically (in less than 20ms), to maintain the availability of the system.

For the backbone, two SFP 100/1000Base SX/LX/ZX bays can be used for multimode or singlemode fibre. The switch can also be used as a stand-alone device, for point-to-point connections or connection modules. The extensive possibilities of the supplied barox management software allows the switch to be deployed in systems with high functionality demands, such as PTZ camera domes, LED illuminators, wipers and heaters - negating the need for a network injector.

Unlike with generic data switches, the barox RY-LPITE-802GBTME video switch is specifically designed to cope with the high demands of video security networks and includes sophisticated built-in cyber security, with strong network hygiene. Alongside this, the barox switch can be easily integrated into third party Video Management Systems, and active PoE management and reporting, along with the ability to monitor and operate energy management for all connected devices across the network. To support ease of use and system reliability, the RY-LPITE-802GBTME supports engineers with an excellent diagnostics tool, featuring a Digital Management Systems with interactive topology maps of the connected network, to allow simplified device management, diagnostics and enhanced functionality.

All the power you need

With the RY-LPITE-802GBTME, there's no need for PoE injectors, even power hungry PTZ domes can be directly connected to the barox switch. The barox DIN rail RY-LPITE-802GBTME switch is proven to provide reliable, high-performance power management, remote reboot, device diagnostics, real-time alarms and notifications. As an example, the switch can power many IP cameras, including their accessories, (such as white light and infrared LED illuminators), and provide reliable active PoE management and reporting. This, along with the ability to monitor and operate energy management for all connected devices across the network, means cameras can be remotely rebooted. This means there's no need for an engineer to visit a site to physically unplug a power injector to re-boot a camera. The barox switch can proactively save valuable time and money, and vastly reduce network down-time throughout the lifetime of the system.

Designed for the high demands of video security networks, the barox RY-LPITE-802GBTME video switch includes sophisticated built-in cyber security, with strong network hygiene. Its cyber security features range from Sticky IP to embedded firewall functions and above all, includes peace-of-mind, with barox being an ISO27000 certified manufacturing company.

barox RY-LPITE-802GBTME summary

The new 480-Watt PoE DIN Rail Industrial Managed Switch provides installers and end-users with the power to support the latest PoE heavy applications. As well as active PoE performance management and reporting, and automatic camera re-boot, the switch features extra high backplane performance for smooth video transmission at full port occupancy, and jumbo frames up to 9600Bytes are supported at 100Mbps. Other network friendly functionality includes DMS integrated network monitoring and control, graphical network overview, device discovery, error handling, network diagnostics and sophisticated security protection mechanisms to guard against unauthorised access.

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