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Planet GT-805A Media Converter to SFP

Product Images

Product Code: C04-4882

Short Description

10/100/1000Base-T to 1000Base-SX/LX Media Converter (mini-GBIC, SFP)

Distance Extension with High Performance and Steady Network Communications

PLANET GT-80x gigabit media converter series extends communications distance with highly Gigabit performance via fibre optic cable. The GT-80x series provides media conversion between 10/100/1000Base-T and 1000Base-SX/LX interfaces such as multi-mode LC/SC connectors (220m / 550m), single-mode LC/SC connectors (10/20/30/40/50/70/120km) and single fibre connectors (WDM, 15/60km) for various fibre optic applications.

Enhanced Smart Management Features
The GT-80x series provides auto MDI/MDI-X on its TP port and the DIP switch to configure the Link Fault Pass through function (LFP). The LFP function includes the Link Loss Carry Forward (LLCF)/Link Loss Return (LLR). LLCF/LLR can immediately alarm administrators the problem of the link media and provide efficient solution to monitoring the net. The DIP switch can disable or enable the LFP function. The LLCF means when a device connected to the converter and the TP line loses the link, the converter's fibre will disconnect the link of transmission. The LLR (Link Loss Return) means when a device connected to the converter and the fibre line loses the link, the converter's fibre will disconnect the link of transmission. Both can immediately alarm administrators the problem of the link media and provide efficient solution to monitoring the net.

Moreover, Even the web UI is not available on GT-80x, the network manager still can remotely control and monitor GT-80X by OAM TS-1000 terminal function such as remote failure indication, loop back test, port status, performance monitoring and troubleshooting. PLANET GT-90x and IGT-90xT models provide TS-1000/802.3ah OAM protocol (operations, administration, and maintenance) that helps the remote GT-80x device to manage and monitor.

Easy Installation
The GT-80x series allows two types of the segment to connect easily. The GT-80x series can be used as a standalone unit when powered by its DC adapter or used as a slide-in module to PLANET 19-inch 7-/15-slot media converter chassis (MC-700/MC-1500/ MC-1500R / MC-1500R48). These media chassis can assist in producing the power for the GT-80x to maintain the fibre-optic network at one location. As the Gigabit Media Converter fully complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-LX/SX, the Gigabit media conversion installation is quite quick and easy with its plug and play feature. The GT-80x also supports flow control and back pressure in half-duplex to eliminate packet loss.

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