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PLANET IGS-620TF

ΓΕΝΙΚΟΣ ΚΑΤΑΣΚΕΥΑΣΤΗΣ



PLANET IGS-620TF

Περιγραφή

Flexible, Reliable and Industrial-grade Network Distance Extension Solution

The PLANET IGS-620TF is an Industrial 6-port full Gigabit Ethernet Switch providing non-blocking wire-speed performance and great flexibility for Gigabit Ethernet extension in harsh industrial environment. It provides 4-port 10/100/1000Base-T RJ-45 copper and 2 extra 100/1000Base-X SFP fiber optic interfaces delivered in an IP30 rugged strong case with redundant power system. The IGS-620TF is well suited for applications in deploying surveillance system, and securing control and wireless service in climatically demanding environments with wide temperature range from -40 to 75 degrees C.

Fiber-Optical Link Capability Enables Extension of Network Deployment

The two SFP slots are compatible with 100Base-FX or 1000Base-SX / LX / WDM through SFP (Small Form Factor Pluggable) fiber-optic transceivers. The fiber optical uplink capability guarantees the throughput to all nodes hooked into the network and the Gigabit Ethernet distance can be extended from 550 meters (Multi-Mode fiber cable) up to 10/20/30/40/50/70/120 kilometers (Single-Mode fiber cable), also the Fast Ethernet distance can be extended from 2km (Multi-Mode fiber cable) up to 20/40/60 kilometers (Single-Mode fiber cable). They are well suited for applications within the factory data centers and distributions.

Adjustable 6-Port Switch Mode or 4 + 2 Fiber Redundant Mode

The two SFP slots allow to change the operation mode with its built-in DIP switch. Via the built-in DIP switch, the IGS-620TF can be configured as 6-port Ethernet switch or 4+2 fiber redundant mode. With the 6-port switch mode, the IGS-620TF can operate in Store-and-Forward mechanism with high performance; on the other hand, when in the 4+2 fiber redundant mode, it provides rapid fiber redundancy of link for highly critical Ethernet applications. The redundant mode also supports auto-recovering function. If the destination port of a packet is link-down, it will forward the packet to the other port of the backup pair.

Environmentally Hardened Design

The IGS-620TF is equipped with the slim-type IP30 metal case for easy deployment in heavy Industrial demanding environments. With IP30 industrial case protection, the IGS-620TF provides a high level of immunity against electromagnetic interference and heavy electrical surges which are usually found on plant floors or in curb side traffic control cabinets. Being able to operate under the temperature range from -40 to 75 degrees C, the IGS-620TF can be placed in almost any difficult environment. The IGS-620TF also allows either DIN rail or wall mounting for efficient use of cabinet space.

Convenient and Reliable Power System

To enhance the operation reliability and flexibility, the IGS-620TF is equipped with two DC power input connectors for redundant power supply installation. It also possesses an integrated power supply source with wide-ranging voltages (12 to 48V DC or 24V AC) for worldwide high availability applications requiring dual or backup power inputs.

Κατηγορία

ΔΙΚΤΥΑΚΑ ΠΡΟΪΟΝΤΑ || ΕΝΕΡΓΟΣ ΕΞΟΠΛΙΣΜΟΣ || DATA SWITCH

