Allied Telesis AT-IE340-12GP-80 Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) Grey

Model: AT-IE340-12GP-80

Manufacturer: ALLIED TELESIS

EAN: 767035218977

Product Code: 1027055

R27,862

Industrial Ethernet Layer 3 Switches

Allied Telesis ruggedized IE340 Industrial Ethernet switches provide enduring performance in harsh environments, such as those found in manufacturing, transportation and physical security. Offering high throughput, rich functionality and advanced security features, IE340 switches deliver the performance and reliability demanded by deployments in the age of the Internet of Things (IoT).

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Overview

Allied Telesis IE340 Series are a high-performing and feature-rich choice for today’s networks. The IE340 is ideal for Industrial Ethernet applications, being fully qualified for manufacturing, automation, process control, railway transportation (Telco & Signaling), roadway transportation (Traffic Control) and Smart Cities.

With a fanless design and a wide operating temperature range, the IE340 tolerates the harsh and demanding environments found in industrial and outdoor deployments.

Modbus/TCP enables integration with existing factory management tools, and provides real-time automation in modular control and distributed systems.

Network management

Allied Telesis Autonomous Management Framework™ (AMF) meets the increasing management requirements of today’s modern converged networks, by automating many everyday tasks such as configuration management. AMF’s powerful features allow an entire network to be easily managed as a single virtual device.

Vista Manager™ EX is an intuitive visualization tool that complements the power of AMF. It allows users to monitor the network and quickly identify issues before they become major problems.

Securing the network edge

Ensuring data protection means controlling network access. Protocols such as IEEE 802.1X port-based authentication guarantee that only known users are connected to the network.

Unknown users who physically connect can be segregated into a pre-determined part of the network. This offers guests Internet access, while ensuring the integrity of private data.

Gigabit and Fast Ethernet

The IE340 Series SFP ports support both Gigabit and Fast Ethernet Small Form-Factor Pluggables (SFPs)(1). This makes the IE340 Series ideal for environments where Gigabit fiber switches will be

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phased in over time, and allows for connectivity to the legacy 100FX hardware until it is upgraded to Gigabit Ethernet. Support for both speeds of SFP allows organizations to stay within budget as they migrate to faster technologies.

Network resiliency

The IE340 Series supports highly stable and reliable ICT network switching, with recovery times down to 50ms. The IE340 can be customized with the most appropriate mechanism and protocol to prevent network connection failure. Choices include Allied Telesis Ethernet Protection Switched Ring (EPSRing™), and the standards-based ITU-T G.8032.

Configurable PoE power budget and dynamic power allocation

On PoE-sourcing IE340 switches, the overall power budget can be configured to establish a close relationship between the power sourcing feature and the real capabilities of the external Power Supply Unit (PSU)(2). PoE power is allocated dynamically, based on the current usage of each powered device.

Future-proof

The IE340 Series ensures a future-proof network with a comprehensive feature set, and is Software Defined Networking (SDN) ready, supporting OpenFlow v1.3.

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