IS230-10GP Layer 2 Switch
Version 1.1.2 Software Release Notes

Please read this document before using the management software. The document has the following sections:

❑ "Supported Platform," next

❑ "New Features" on page 1

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Note:
The firmware passed the testing program for Global Availability and is approved for use in live and production environments.

Supported Platform

Version 1.1.2 management software is supported on the IS230-10GP Layer 2 Switch. For upgrade instructions, refer to the *IS230-10GP Switch Web User Guide* or *IS230-10GP Switch Reference Guide*. The guides are available on the web at **alliedtelesis.com/us/en/library/ search**.

New Features

Version 1.1.2

❑ Adds support for managing the IS230-10GP Switch with Microsoft Edge™.

Version 1.1.1

❑ CPU/memory usage rate monitor commands

❑ Core-dump debug tool

Version 1.1.0

❑ Ethernet Connectivity Fault Management (CFM)

❑ Ethernet Protection Switched Ring (EPSR) transit mode

❒ Ethernet Ring Protection Switching (ERPS) V2 - ITU-T G.8032

❒ Remote authentication with RADIUS or TACACS

❒ Hardware Access Control Lists (ACL)

❒ IP Source Guard

❒ Dynamic Host Configuration Protocol (DHCP) Snooping

❒ Address Resolution Protocol (ARP) Spoofing

Enhanced Features

Version 1.1.2

❒ Updated OPENSSL v1.1.1 to v1.1.1h to resolve CVE-2022-0778.

❒ Updated OPENSSH to v8.4.1.

❒ Updated HOSTAPD to v2.9.

❒ Added new cipher suites to Transport Layer Security (TLS) v1.2.

❒ Added support for TLS v1.3 and its three cipher suites.

❒ Updated Secure Shell (SSH) with additional key exchange algorithms.

Version 1.1.1
None.

Version 1.1.0

❒ Fine-tuned the bucket size of egress rate limit (included in v1.0.1.00)

Version 1.0.1

❒ Improved packet scheduler architecture, which manages egress port/traffic class bandwidth.

Resolved Issues

Version 1.1.1

❒ PoE Legacy Mode could not be enabled.

❒ The switch disabled Denial of Service defenses when rebooted or power cycled.

❒ The switch improperly configured its log settings after being rebooted or power cycled.

❒ SNMP packets with the "Get-Request with ID=0" header caused memory leaks.

❒ Selected OIDs failed to work properly with the LLDP-MIB.

Known Issues

None.

Product Documentation

❒ *IS230-10GP User Guide*

Instructions on managing the switch and configuration utility.

❒ *IS230-10GP Reference Guide*

Descriptions of the basic features of the command line user interface, the commands associated with each feature, and command examples.

❒ *IS Series Installation Guide*

Hardware installation instructions.

❒ *IS230 Series Data Sheet*

General product information for the IS230 Series industrial managed Layer 2 switches.

The documents are available from the Allied Telesis web site at **alliedtelesis.com/us/en/library/search**.

Contacting Allied Telesis

For assistance with this product, you can contact Allied Telesis technical support on the Services & Support section of the Allied Telesis web site at **www.alliedtelesis.com/support**. You can find links for the following services on this page:

❒ Helpdesk (Support Portal) - Log onto Allied Telesis interactive support center to search for answers to your questions in our knowledge database, check support tickets, learn about Return Merchandise Authorizations (RMAs), and contact Allied Telesis technical experts.

❒ Software Downloads - Download the latest software releases for your product.

❒ Licensing - Register and obtain your License key to activate your product.

❒ Product Documents - View the most recent installation guides, user guides, software release notes, white papers and data sheets for your product.

❒ Warranty - View a list of products to see if Allied Telesis warranty applies to the product you purchased and register your warranty.

To contact a sales representative or find Allied Telesis office locations, go to **www.alliedtelesis.com/contact**.