

Model Name	HES-5105(-RF)-5102SFP+	Version	1.00.0E	Designer	Approval
Part Name	Firmware	Date	2026/05/29		
Part Number	N/A	Unit	N/A		
File Name	HES-5105(-RF)-5102SFP+_Release note_1.00.0E_20260529.doc				

**Note:** CATV-related features are supported only on the HES-5105-RF model.

## Release Note

FIRMWARE VERSION 1.00.0E .....	2
FIRMWARE VERSION 1.00.0D .....	2
FIRMWARE VERSION 1.00.0C .....	2
FIRMWARE VERSION 1.00.0B .....	3
FIRMWARE VERSION 1.00.0A .....	3
FIRMWARE VERSION 1.00.09 .....	3
FIRMWARE VERSION 1.00.08 .....	4
FIRMWARE VERSION 1.00.07 .....	5
FIRMWARE VERSION 1.00.06 .....	5
FIRMWARE VERSION 1.00.05 .....	5
FIRMWARE VERSION 1.00.04 .....	5
FIRMWARE VERSION 1.00.03 .....	6
FIRMWARE VERSION 1.00.02 .....	6
FIRMWARE VERSION 1.00.01 .....	6
FIRMWARE VERSION 1.00.00 .....	7

## Firmware Version 1.00.0E

Date: 2026/05/29

New Feature / System Release	Description
N/A	N/A
Update	Description
Port Traffic Statistics	Fixed an issue where the system would hang while displaying the output of the "show interface statistics traffic rate" command.

## Firmware Version 1.00.0D

Date: 2026/05/28

New Feature / System Release	Description
VLAN / QinQ	<p>[HES-5102 Specific]</p> <p>Support new feature: CPU ISP Single-Tag</p> <p>Note: When "CPU ISP Single-Tag" is enabled, management access through the ISP Port can only be performed using single-tagged packets. When disabled, the ISP Port defaults to management access using double-tagged packets.</p>
Update	Description
N/A	N/A

## Firmware Version 1.00.0C

Date: 2026/03/30

New Feature / System Release	Description
N/A	N/A
Update	Description
System	<p>Consolidated firmware for <b>HES-5105</b>, <b>HES-5015-RF</b>, and <b>HES-5102</b> into a single unified image.</p> <p>Note: The unified image automatically detects the hardware model during the upgrade process to ensure compatibility.</p>

## Firmware Version 1.00.0B

Date: 2026/03/26

New Feature / System Release	Description
CATV	[HES-5105-RF Specific] Support new feature: CATV
Update	Description
CLI	Resolved a CLI crash by updating the "no" command's unique identifier length to 2, preventing accidental disconnections from incomplete "n" inputs.

## Firmware Version 1.00.0A

Date: 2026/03/24

New Feature / System Release	Description
N/A	N/A
Update	Description
LLDP	[HES-5102 Specific] Fixed an issue where the LLDP function failed to operate.

## Firmware Version 1.00.09

Date: 2026/03/15

New Feature / System Release	Description
VLAN Translation	Support new feature: VLAN Translation
Update	Description
SNMP	<p>Updated MIB file to comply with SMIV2 standard.</p> <p>To comply with SMIV2 standards, the following OID paths have been restructured:</p> <p><b>SNMPv3 USM User Table:</b> Relocated from .SNMPv3USMUserTable(5) to .SNMPv3USMUser(5).SNMPv3USMUserTable(1)</p> <p><b>Trap Information:</b> The Trap notification objects have been moved from the Traps(9) group to a new TrapsInfo(10) group: TrapNumber: Changed from .Traps(9).TrapNumber(1)</p>



	to .TrapsInfo(10).TrapNumber(1) TrapMessage: Changed from .Traps(9).TrapMessage(2) to .TrapsInfo(10).TrapMessage(2)
CPU Loading	Fixed a calculation error in the sliding window average for CPU load. Due to a logic inconsistency in long-term accumulation, the CPU average load could sporadically drop below 0% or exceed 100%.
CPU Loading	Fixed inconsistent average for CPU load reporting between the webpage and system dump logs.
Port Statistics / SNMP	Fixed incorrect Port Counter Rate displays.
IP Setup / WEB	Fixed an IPv6 configuration failure that occurred even when a valid address was entered.
SNMP Trap / System Power Down	Improved Power Down Trap reliability and resolved inconsistent MAC address resolution (ARP/Neighbor Discovery) logic for both IPv4 and IPv6 environments.  Note: This fix ensures correct Source IP usage in IPv6 and maintains stable ARP table updates to guarantee successful Power Down Trap delivery.
LLDP Status	Fixed a character limit bug where 64-byte System Names caused abnormal LLDP status string rendering.
SFP Information / SFP Port Info	Fixed inconsistent speed reporting between SFP EEPROM info and real-time Port Status for 2.5G links.

## Firmware Version 1.00.08

Date: 2025/12/15

New Feature / System Release	Description
Port Link Flap	Support new feature: Port Link Flap
Port Setup & Status	[HES-5105-RF Specific] Fiber port support 2.5G speed.
Update	Description
Management / TACACS+	Changing the DUT hostname from the default value causes TACACS+ login failures.
SFP	Fixed an issue where the device failed to detect certain 10G multi-mode SFP modules.
LLDP	Fixed an issue where the LLDP module failed to load the system name on boot.

## Firmware Version 1.00.07

Date: 2025/05/08

New Feature / System Release	Description
N/A	N/A
Update	Description
LED / Status	The Status LED now correctly blinks orange after releasing the hardware reset button during the reset to factory default stage.

## Firmware Version 1.00.06

Date: 2025/05/05

New Feature / System Release	Description
N/A	N/A
Update	Description
Management / TACACS+	Changing the device hostname from the default value causes TACACS+ login failures.

## Firmware Version 1.00.05

Date: 2025/04/24

New Feature / System Release	Description
N/A	N/A
Update	Description
Management / User Account	Using a user login password with up to 64 special characters will cause the web page to display a "502 Bad Gateway" error.
Management / RADIUS/TACACS+	Using the same username for both RADIUS/TACACS+ and the local user account will cause login failure.

## Firmware Version 1.00.04

Date: 2025/04/21

New Feature / System Release	Description
N/A	N/A
Update	Description
Management / User Account	Extending the maximum length of the user account password to 64 characters (including RADIUS and TACACS+).

TACACS+	Modify the "Remote address" parameter in the request to use the client IP address when communicating with the TACACS+ server for authentication, authorization, and accounting.
Switch Information	Using specific characters in the DHCP server option 12 host name may cause incorrect host name updates.
DHCP Client	When the switch receives a DHCP ACK packet that does not contain option 12 information, the switch will still retain the option 12 information of the first DHCP ACK packet received and perform the host name synchronization mechanism.

## Firmware Version 1.00.03

Date: 2025/03/05

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Client	DUT will update option 12 with previous input when there is no option 12 in current DHCP ACK packet.

## Firmware Version 1.00.02

Date: 2025/02/26

New Feature / System Release	Description
DHCP Client	The device hostname can be assigned by the DHCP server using Option 12.
System Setup	System information supports a new parameter "Sync Host Name to System Name". Define: After being enabled, when the hostname is modified, the system will sync the same value to the system name (one-way).
Update	Description
Network Diagnostics	Diagnostic schedule add DNS with IPv6 dhcpv6 fail.
CLI	"show interface detailed 1" via CLI will find has no "Collisions" field.
Reset System / WEB	When the user clicks the reload button through the web page, the browsing screen will not switch to the waiting page.

## Firmware Version 1.00.01

Date: 2025/02/10



New Feature / System Release	Description
N/A	N/A
Update	Description
SSH	SSH might not remove old connection after randomly unplug cable.

## Firmware Version 1.00.00

Date: 2025/02/07

New Feature / System Release	Description
N/A	N/A
Update	Description
System	The Official Version.