



Model Name	FOS-ESW-5128	Version	1.00.2A	Designer	Approval
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## Firmware Version 1.00.2A

Date: 2026/04/02

New Feature / System Release	Description
HTTPS	Enhanced HTTPS security by supporting TLS 1.3 with high-performance AES-GCM and ChaCha20-Poly1305 cipher suites.
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.
Management / User Account	Extending the maximum length of the user account password to 64 characters (including RADIUS and TACACS+).

## Firmware Version 1.00.29

Date: 2026/03/19

New Feature / System Release	Description
L2PT	Supports MACsec and EAPOL packet encapsulation and decapsulation.
Update	Description
N/A	N/A

## Firmware Version 1.00.28

Date: 2026/03/06

New Feature / System Release	Description
N/A	N/A
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></p> <p>Relocated from .SNMPv3USMUserTable(5) to .SNMPv3USMUser(5).SNMPv3USMUserTable(1)</p>
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.
SNMP Trap / System Power Down	<p>Improved Power Down Trap reliability and resolved inconsistent MAC address resolution (ARP/Neighbor Discovery) logic for both IPv4 and IPv6 environments.</p> <p>Note: This fix ensures correct Source IP usage in IPv6 and maintains stable ARP table updates to guarantee successful Power Down Trap delivery.</p>

## Firmware Version 1.00.27

Date: 2025/12/17

New Feature / System Release	Description
Ethernet OAM	Support new feature: Ethernet OAM
Port Loopback Test	Support new diagnostic feature: Port Loopback Test
CDP Monitor	Support new feature: CDP Monitor
Update	Description
N/A	N/A

## Firmware Version 1.00.26

Date: 2025/12/02

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	Internal use.

## Firmware Version 1.00.25

Date: 2025/11/26

New Feature / System Release	Description
N/A	N/A
Update	Description
LLDP	Fixed an issue where the LLDP module failed to load the system name



	on boot.
SNMP	Fixed an issue where the SNMP tool displayed "3062" in the event log field.
CLI	Repeatedly enabling/disabling SSH and switching between HTTP/HTTPS may randomly cause the user to be unable to access the device via Web or CLI.
MAC Limit / Sticky MAC	Fixed an issue where dynamic MAC addresses learned on the LACP trunk (LAG group 1) were incorrectly recognized as belonging to Port 1, causing them to be learned as static MAC addresses.
MAC Address Table	The "MAC address table clear all/port list" action does not work for MAC entries learned from a trunk group.

## Firmware Version 1.00.24

Date: 2025/08/11

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI	Using the CLI commands "show ip snooping group" and "show ip mld snooping group", spaces may still appear before line breaks (CR/LF).
LLDP	When the user configures LLDP or checks the LLDP status, system midcore will crash.

## Firmware Version 1.00.23

Date: 2025/08/07

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI	Some lines in the CLI show command output contained trailing spaces.

## Firmware Version 1.00.22

Date: 2025/07/25

New Feature / System Release	Description
SSH	Update the Dropbear version to 2025.88.
Update	Description



System Voltage	Modify the "Current" name of the system voltage (to "Present Voltage").
Loop Detection	Loop detection with VLAN does not work correctly.
CLI	When multiple commands are entered consecutively, some commands may randomly fail to execute.
CLI	Commands recorded through the terminal tool may contain a random number of spaces before the line breaks (CR/LF).

## Firmware Version 1.00.21

Date: 2025/03/10

New Feature / System Release	Description
SSH	Update the Dropbear version to 2022.
Update	Description
Port Setup & Status	Improve the reason field of the port state to support the following reasons: <ol style="list-style-type: none"><li>1. LKD (Link down)</li><li>2. LPD (Loop detection)</li><li>3. ML (MAC limit)</li><li>4. SC (Storm control)</li><li>5. UR (Uplink Redundancy)</li><li>6. LFW (LAN follow WAN).</li></ol>
DHCP Client	The process "udhcpc" experienced a memory leak due to not releasing memory allocated for environment variables, leading to a crash caused by an overflow while reading the packet option length.
IP Setup > IPv6	After setting the ipv6 auto configuration setting, enable to disable and the link local address is not connected after the machine is reboot.
IP Setup > IPv4	After firmware upgrade or reboot, system gateway will disappear.

## Firmware Version 1.00.20

Date: 2024/09/30

New Feature / System Release	Description
N/A	N/A
Update	Description
L2PT	Decapsulation of double tagged packet to VLAN tunnel port is





	incorrect that inner tag is 4 bytes shifted.
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## Firmware Version 1.00.1Z

Date: 2024/06/14

New Feature / System Release	Description
IP Source Binding	IPv4/IPv6 address support to set prefix length.
Update	Description
N/A	N/A

## Firmware Version 1.00.1Y

Date: 2024/06/12

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	Internal use.

## Firmware Version 1.00.1X

Date: 2024/06/06

New Feature / System Release	Description
Port Setup & Status / WEB	Add auto refresh mechanism.
System	Support to forward specific packet. Packet Format: Slow Protocols subtype 3 (OAM).
System	Speed up for restore device configuration.
Update	Description
Firmware Upgrade / WEB	Modify button name. File Type [Firmware] → Update File Type [Configuration] → Restore / Backup
Syslog	When use SSH method and login failed, device will send incorrect syslog message.
CPU Loading	Fix incorrect phenomenon "The average of CPU loading will exceed 100%".
VLAN	VLAN table will be deleted when user removes last trunk member no matter if there is access member.
LACP	LACP packet carries actor system priority 0 which does not match



	expected default value 32768.
802.1X	Radius secret should be shown as ***.
Management Access Setup / CLI	Modify parameter name from "System Time Out" to "CLI Time Out".

## Firmware Version 1.00.1W

Date: 2024/04/18

New Feature / System Release	Description
N/A	N/A
Update	Description
System / CLI	Set ACL IPv6 entry with a long IPv6 address and prefix 128, then enter "show running-config" will cause all CLI disconnect.

## Firmware Version 1.00.1V

Date: 2024/04/18

New Feature / System Release	Description
System / All UIs	Insert content support character "Spaces".  Example of CLI: FOS-5128(config)# switch-info system-location "123 456 789" FOS-5128(config)# switch-info system-location "abc 123 def"
Storm Control	Support new parameters "Action", "Status", "Reason" and "Unlock".
Update	Description
N/A	N/A

## Firmware Version 1.00.1U

Date: 2024/03/21

New Feature / System Release	Description
CPU Loading	<ol style="list-style-type: none"><li>1. Modify title name from "CPU &amp; Memory Statistics" to "CPU Loading".</li><li>2. Modify calculation method of alarm notification – Judgement CPU loading usage (%).</li><li>3. Support statistics – 1/24/72 hour averages (%).</li></ol>
Memory Statistics	<ol style="list-style-type: none"><li>1. Move to different page (System Memory) for display.</li><li>2. Remove display "Buffers" and "Cached".</li></ol>



CLI	Supports clear commands.  Example of CLI: FOS-5128# clear ...
CLI	Supports command for display details of interfaces.  Example of CLI: FOS-5128# show interface detailed [port_list] <cr>
<a href="#">Update</a>	<a href="#">Description</a>
Port Setup & Status	Remove parameters "switch statistics polling port" and "switch statistics polling interval".
DHCP Snooping	Unexpected DHCP packet with wrong format will crash DHCP process.
802.1X	DUT can't complete authentication process with TLS mechanism.
Selective QinQ	Selective QinQ won't take effect when packet processed by a port which is a member of aggregated group.
Link Aggregation	When source port is a member of aggregated group, processed packets will be transmitted back to ports in the same group.
DHCP Auto-Provision	Support judgement dhcpv6 packet include single or multiple option 17.

## Firmware Version 1.00.1T

Date: 2023/07/05

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
Debugging	Support IGMP Snooping debugging function.
<a href="#">Update</a>	<a href="#">Description</a>
Storm Control	Unknown multicast won't take effect.

## Firmware Version 1.00.1S

Date: 2023/04/20

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
N/A	N/A
<a href="#">Update</a>	<a href="#">Description</a>
802.1X	When the port is authorized and also assigned VLAN succeed, but client still cannot forward traffic out.
802.1X	Fix a buffer overflow issue in dot1x (Avoid 802.1X crash).

## Firmware Version 1.00.1R

Date: 2023/04/14

New Feature / System Release	Description
N/A	N/A
Update	Description
ACL / Rate Limiter	Update range to 10485600 (10Gbps).
System / SSH	Continuous login device via SSH, it will random cause SSH crash and cannot use anymore.

## Firmware Version 1.00.1Q

Date: 2023/03/16

New Feature / System Release	Description
N/A	N/A
Update	Description
System / CLI	When polled using SSH (TCP connection, login, and logout) the switch will stop responding to login requests after a couple of days.

## Firmware Version 1.00.1P

Date: 2023/03/14

New Feature / System Release	Description
N/A	N/A
Update	Description
N/A	Internal use.

## Firmware Version 1.00.1O

Date: 2022/11/25

New Feature / System Release	Description
Port Link Flap	Support Port Link Flap and Port Linkup Delay.
Update	Description
N/A	N/A

## Firmware Version 1.00.1N

Date: 2022/09/28



New Feature / System Release	Description
N/A	N/A
Update	Description
RADIUS & TACACS+	<p>Modify related settings and OIDs of "Management Authentication".</p> <p>[Original]</p> <p>Beginning OID of RADIUS/TACACS+ .1.3.6.1.4.1.9304.100.xxxx.4.100</p> <p>Beginning OID of Management Authentication .1.3.6.1.4.1.9304.100.xxxx.4.101</p> <p>[NEW]</p> <p>Beginning OID of RADIUS/TACACS+ .1.3.6.1.4.1.9304.100.xxxx.3.11</p> <p>Beginning OID of Management Authentication .1.3.6.1.4.1.9304.100.xxxx.3.12</p>
Port Packet Error Statistics	Port error statistic "Rx Oversize Frames" will be incorrect while receiving packets with size over 1518 (e.g. 1519 ~ Max.).
SNMP	<p>Public MIB "ifInErrors" should not include RxDrop event.</p> <p>OID = 1.3.6.1.2.1.2.2.1.14</p>

## Firmware Version 1.00.1M

Date: 2022/08/24

New Feature / System Release	Description
System / CLI	<p>Update CLI "Tab" behavior.</p> <p>First click "Tab" for auto fill up the command, after fill up done then click "Tab" again for list related commands.</p> <p>Example:</p> <pre>FOS(config)# sw [TAB#1] FOS(config)# switch [TAB#1] FOS(config)# switch [TAB#2] switch switch-info FOS(config)# switch</pre>
Update	Description
User Privilege	Modify user account level "Read-Only" of CLI, it cannot enter to



	configure layer.
System / CLI	Cannot enter commands with "LF" jumpline format via SSH and Telnet.

## Firmware Version 1.00.1L

Date: 2022/07/27

New Feature / System Release	Description
Cable Diagnosis	Support hardware ESW-5128 copper port 1-24.
Update	Description
WEB	Page "IGMP/MLD Filtering" display wrong character of title name. 1. Filter instead of Filiter

## Firmware Version 1.00.1K

Date: 2022/07/20

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI	Input "show ip igmp filter" and "show ip igmp filter interface x" via CLI will find the error string. 1. Filter instead of Filiter 2. Profile instead of Prifole
Port Setup / CLI	Fix interface 25-28 cannot setting auto-speed via CLI.
Backup Configure	Backup config, interface 25-28 will display "speed auto_sense" wrong string, should be "speed auto-speed".

## Firmware Version 1.00.1J

Date: 2022/06/15

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	SNMP MIB file of CPU memory and statistics item name does not match Web page and CLI. Note: "swhCPUAndMemoryStatistics" instead of "swhStatistic".
System	Change default max frame size to chipset maximum, FOS-ESW-5128 is 12288 (Range: 1518 – 12288).
Port Configuration	Cannot change port duplex mode via SNMP.

## Firmware Version 1.00.1I

Date: 2022/06/10

New Feature / System Release	Description
N/A	N/A
Update	Description
System / All port status	All ports status will display incorrectly after DUT works for some days, even though in actuality ports are all well connected and linked. [Notice] A workaround is used to fix this issue, so when the issue happens, all port status can display correctly, but local event log messages still will be auto cleared by the system, and be recorded again!
Restore Configuration	After restore configuration, fiber port type will be wrong.

## Firmware Version 1.00.1H

Date: 2022/05/12

New Feature / System Release	Description
System	Support new hardware model "ESW-5128".
Update	Description
CPU Loading	Modify CPU Loading (Load Average) default value to 18.00.
DHCP Tag-Alteration	"DHCP tag-alteration State" display wrong alphabet when state is "Active".

## Firmware Version 1.00.1G

Date: 2022/03/25

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Tag-Alteration	When DHCP tag-alteration function startup to change will cause extra one discover packet.
L2PT	Device will not encapsulate incoming packet on VLAN Dot1q-Tunnel port.

## Firmware Version 1.00.1F

Date: 2022/03/21

New Feature / System Release	Description
DHCP Tag-Alternation	Support new function "DHCP Tag-Alternation".
Update	Description
N/A	N/A

## Firmware Version 1.00.1E

Date: 2022/03/11

New Feature / System Release	Description
DHCP Tag-Alternation	Support new function "DHCP Tag-Alternation".
Update	Description
N/A	N/A

## Firmware Version 1.00.1D

Date: 2022/03/11

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Improve system stability of update port status.

## Firmware Version 1.00.1C

Date: 2022/03/11

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Improve system stability of update port status.

## Firmware Version 1.00.1B

Date: 2022/03/08

New Feature / System Release	Description
N/A	N/A





Update	Description
Backup Configuration	Backup configuration will find the parameter name "radius2" become to "tadius2".

## Firmware Version 1.00.1A

Date: 2022/03/04

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN	Do remove "Trunk VLAN group" via CLI will find only can remove VLAN ID 1-31.

## Firmware Version 1.00.19

Date: 2022/03/02

New Feature / System Release	Description
System Information	System "Hostname" support can input 64 character.
Update	Description
N/A	N/A

## Firmware Version 1.00.18

Date: 2022/02/25

New Feature / System Release	Description
SNMP	Support standard MIB "ifspeed" & "ifhighspeed"
Update	Description
RADIUS & TACACS+ / Secret Key	Get Radius/TACACS+ Secret Key via SNMP will be a plain code, but should always be ***.
RADIUS & TACACS+ / Secret Key	Check Radius/TACACS+ via web UI will find not support secret key encryption.
RADIUS & TACACS+ / Secret Key	When Radius/TACACS+ server IP set to IPv6 address will not work.(Neighbor Solicitation target IP incorrect)
RADIUS	DUT will display unreadable running configuration after upgrading from firmware version 1.00.16 with radius enabled.

## Firmware Version 1.00.17

Date: 2022/01/26

New Feature / System Release	Description
User Authentication	Support special character and AES-128 encryption.
Backup Configure	Support configurable authentication. (AES-128)
Fast Ring v2	Support Fast ring v2 function.
IGMP Snooping	Support IGMP snooping stream life count function.
DHCP Snooping	Support DHCP clear function.
Security	Support SFP Threshold function.
Event Log	Support filter function.
MAC Address Table	Support filter function.
Update	Description
System	Improve "Switch Driver" of setting port configure and get port status.

## Firmware Version 1.00.16

Date: 2021/12/30

New Feature / System Release	Description
SNMP	Support standard MIB "ifspeed" & "ifhighspeed"
Update	Description
N/A	N/A

## Firmware Version 1.00.15

Date: 2021/12/13

New Feature / System Release	Description
N/A	N/A
Update	Description
SSH / Authentication	Fixed that when establish SSH connection with Public Key, then this SSH session will hang.
Link Aggregation	Create "port trunking" or "LACP" group and sent packet to each other, then check MAC table will find the port is incorrect.

## Firmware Version 1.00.14

Date: 2021/11/17



New Feature / System Release	Description
N/A	N/A
Update	Description
TACACS+ / Secret Key	TACACS+ secret key cannot input symbol directly, it need add two symbol " on before and after the wanted symbol.

## Firmware Version 1.00.13

Date: 2021/11/09

New Feature / System Release	Description
N/A	N/A
Update	Description
System / All port status	All ports status will display incorrectly after DUT works for some days, even though in actuality ports are all well connected and linked. [Notice] A workaround is used to fix this issue, so when the issue happens, all port status can display correctly, but local event log messages still will be auto cleared by the system, and be recorded again!
Port Configuration	Fixed that when change port configure mode and speed, then random happen cannot link up situation.

## Firmware Version 1.00.12

Date: 2021/10/26

New Feature / System Release	Description
N/A	N/A
Update	Description
ACL / SNMP	Separate IPv4 and IPv6 ACL rules on SNMP.
ACL / SNMP	Fixed that when delete last one ACL entry via SNMP, then this specific ACL still valid.
LACP	Fixed that under LACP active mode, system will send LACP packet more accurate (Standard define of interval is 1 sec / Original is 1.02 sec)
LACP	Fixed that another side device will get LACP flap if FOS enable LACP function and aggregated successful.

## Firmware Version 1.00.11

Date: 2021/09/13



New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN / CLI	<p>Support hidden command for runtime to setting &amp; restore configure:  "vlan dot1q-vlan access-vlan [1-4094] &lt;cr&gt;"  "no vlan dot1q-vlan access-vlan &lt;cr&gt;"</p> <p>Functionally equivalent to the command:  "vlan dot1q-vlan pvid [1-4094] &lt;cr&gt;"  "no vlan dot1q-vlan pvid &lt;cr&gt;"</p>

## Firmware Version 1.00.10

Date: 2021/05/18

New Feature / System Release	Description
N/A	N/A
Update	Description
Management / SNMP / SNMPv3 USM User	Fixed that when set SNMPv3 authentication to none and private to "DES" via WEB, system does not pop alert message.
CLI / SNMPv3 USM User	Fixed that when CLI SNMPv3 private cannot display "AES128".
CLI / SNMPv3 USM User	Fixed that when show "snmp-server user" via CLI, display result does not match web GUI.
CLI / SNMPv3 USM User	Fixed that when show "FOS-5128(config-v3-user-111)# ?" via CLI, display result has one row blank.

## Firmware Version 1.00.0Z

Date: 2021/05/12

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP / DHCP Snooping Setup	Fixed that when set "delete DHCP server IP entry" via SNMP, will find only first time can set successful.

## Firmware Version 1.00.0Y

Date: 2020/12/28

New Feature / System Release	Description
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N/A	N/A
<a href="#">Update</a>	<a href="#">Description</a>
SNMP / ACL Setup	Fixed that when set ACL entry via SNMP, if set name over 15 characters, DUT response noError, but actually not set successful.
SNMP / ACL Setup	Fixed that when set ACL entry to disable via SNMP, DUT response noError, but actually not set successful.
Layer 2 Protocol Tunneling / Status	Modify one parameter "VTP" instead "VIP".
Port Management / Port Setup & Status	Fixed that when click "Content" and then click "Port Setup & Status" via WEB, will find the container title display incorrect.

## Firmware Version 1.00.0X

Date: 2020/11/12

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
Selective QinQ	VLAN port mode support selective QinQ mode.
<a href="#">Update</a>	<a href="#">Description</a>
CLI / VLAN	Fixed that cannot show vlan dot1q-vlan information issue.
ACL	Fixed that ACL VLAN field always work on PVID of trunk-native even the ingress packet is tagged issue.
SNMP	Fixed that when modify static IPv6 , will response noError, but actually modify unsuccessful issue.

## Firmware Version 1.00.0W

Date: 2020/09/25

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
N/A	N/A
<a href="#">Update</a>	<a href="#">Description</a>
WEB	Fixed that when click "Content" and then click "CPU & Memory Statistics" or "Auto-Backup Setup" will find the container title display incorrect issue.
SNMP / ACL	Fixed that cannot set ACL sequence maximum be 65536 issue.
SNMP / Loop detection	Modify loop detection interval to 1~20.
IGMP snooping	Fixed that when enable IGMP snooping, router port will flooding unknown IPv6 multicast packets issue.



## Firmware Version 1.00.0V

Date: 2020/08/11

New Feature / System Release	Description
CLI / L2 control-protocol help	Add related notes: 00-0F 0180c2000000 ~ 0180c200000f (IEEE 802.1D and 802.1Q standard use) 20-2F 0180c2000020 ~ 0180c200002f (IEEE 802.1Q standard use) 10 0180c2000010 (IEEE 802.1D standard use)
SNMP	Add description in the fields as below: swSwitch0180C2000000to0F swSwitch0180C2000020to2F swSwitch0180C2000010
CLI / show interface statistics analysis rate	Add related notes: Rate Unit = pps
SNMP	Add description in the fields as below: swCountersRatesRxFrames64 swCountersRatesRxFrames65to127 swCountersRatesRxFrames128to255 swCountersRatesRxFrames256to511 swCountersRatesRxFrames512to1023 swCountersRatesRxFrames1024to1518 swCountersRatesRxFrames1519toMaxSize swCountersRatesRxMulticastFrames swCountersRatesRxBroadcastFrames swCountersRatesTxMulticastFrames swCountersRatesTxBroadcastFrames
Update	Description
IGMP	Fixed that while showing the IGMP/MLD Group Tables, IGMP module will crash.
VLAN	Fixed that when vlan trunk mode vid set 1~4094, then change CPU access pvid, will set unsuccessful issue
System	Fixed the issue when enable ipv6 and LLDP port 1 will cause middle crash.
DHCP	Fixed the issue when in DHCP mode, device will send two DHCP discover packets when starting up.



## Firmware Version 1.00.0U

Date: 2020/08/03

New Feature / System Release	Description
L2TP / L2TP Setup	Add related notes: 1. IEEE 802.1D standard using the MAC Address is 0180C200000X and 0180C2000010. 2. IEEE 802.1Q standard using the MAC Address is 0180C200000X and 0180C200002X.
Port Management / Port Packet Analysis Statistics	Add related notes: Rate Unit = pps
Update	Description
SNMP	Modify SNMP mib files from "portX" to "port0X". e.g. MulticastForwardingPort1 -> MulticastForwardingPort01
RSTP / RSTP Switch Setup	Modify default configure of RSTP related parameters: 1. Max Age from 6 to 20. 2. Hello Time from 1 to 2. 3. Forward Delay from 4 to 12.
Multicast / Static Multicast Setup	Fixed that when set static multicast via SNMP, IPv6 address set as 2001::1234 will be deny, and then to set as ff55::5 will become ff55::5234.
System Setup / IP Setup	Fixed that if IPv6 link-local or global address without input prefix length via WEB, the prefix length will set as 0 issue.
System / QoS	Improve ingress rate limit not accurate situation. Modify related parameters of source code "burst rate".

## Firmware Version 1.00.0T

Date: 2020/07/17

New Feature / System Release	Description		
SNMP	Support Public MIB "dot1dTpFdbTable".		
SNMP / IGMP Group Table	Improve the IGMP/MLD Group Table response time.		
	MAC address counts	T1 (sec)	T2 (sec)
	1K	0.53	12.97
	2K	1.22	25.87
	4K	2.64	51.73
	8K	5.75	103.48



	16K	14.48	209.19	
	T1: From send "get-next-request" until received first one "get-response". T2: From send "get-next-request" until received last one "get-response".			
Update	Description			
L2PT / L2PT Status	Fixed that display the word "VIP" is incorrect via WEB, should be "VTP".			
Content	Fixed that when access DUT via WEB, then click "Content" and click "Auto-Backup Setup" will find the container title symbol '-' become '!'.			
Content	Fixed that when access DUT via WEB, then click "Content" and click "CPU & Memory Statistics" will find the container title display incorrect.			
Content	Fixed that when access DUT via WEB, then click "Content" and click "Port Setup & Status" will find the container title display incorrect.			

## Firmware Version 1.00.0S

Date: 2020/05/25

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when WEB page selective QinQ VLAN range reach 32 rules, will cause cannot add the same range with different port.
System Setup / Switch Information	Fixed that when access DUT via web UI, click "Content" and then click "Switch Information" will find the container title display incorrect.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB or SNMP method to show selective QinQ tpid does not match CLI.
VLAN Setup / Selective QinQ Setup	Fixed that when WEB page selective QinQ VLAN range reach 32 rules, will cause cannot edit VLAN range rule.
VLAN Setup / Selective QinQ Setup	Fixed that when the selective QinQ VLAN range table is full, user can't set existed inner-vid's rule.
System / Memory	Fixed that when the interface link down then link up, it will make internal system wrong and cause memory leak.

## Firmware Version 1.00.0R

Date: 2020/05/19





New Feature / System Release	Description
Restore Configuration	"Restore configure file" can understand 'Unix', 'MAC' and 'Windows' format of jump line. (Before only can understand 'Unix' and 'Windows')
Update	Description
VLAN Setup / Selective QinQ Setup	Modify CLI commands from "vlan dot1q-tunnel ethertype 123" to "vlan dot1q-tunnel ethertype 0x0123".
VLAN Setup / Selective QinQ Setup	Fixed that DUT does not take out selective QinQ rule outer-vid.
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rule then send double tag packet from selective QinQ server port, the delete's selective QinQ client still receives single tag packet.
VLAN Setup / VLAN Translation	Fixed the error message wording (selective qinq → VLAN translation).
VLAN Setup / Selective QinQ Setup	Fixed that when enable selective QinQ function via WEB, but it does not check port vlan mode.
VLAN Setup / Selective QinQ Setup	Fixed that when use SNMP tool to add selective QinQ rule will pop up "Set Unsuccessful!", but actually set successful.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to setting selective QinQ ether type 0000, but CLI and SNMP tool only show 0.
VLAN Setup / Selective QinQ Setup	Fixed that when use CLI to show vlan selective qinq inner-vid or outer-vid, the No. is begging from 2 issue.

## Firmware Version 1.00.0Q

Date: 2020/05/13

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rules via WEB, system loading time is too long. (Delete 10 rules have to wait about 30 seconds.).
VLAN Setup / Selective QinQ Setup	Fixed that when delete selective QinQ rules via WEB, it will cause web page show blank.
VLAN Setup / Selective QinQ Setup	Fixed that when enable selective QinQ and DHCP snooping, if trunk port receive single tag(DHCP Discovery packet), DUT will not forward it.
VLAN Setup / Selective QinQ Setup	Fixed that when enable selective QinQ, IGMP and DHCP snooping on



Setup	the same port, only selective QinQ can work issue.
VLAN Setup / Selective QinQ Setup	Fixed that when disable selective QinQ, system will not check port mode rule via WEB.
VLAN Setup / Selective QinQ Setup	Fixed that cannot modify selective QinQ page rule port setting via WEB.
VLAN Setup / Selective QinQ Setup	Modify name of selective QinQ via WEB page from "Q in Q" to "Q-in-Q".

## Firmware Version 1.00.0P

Date: 2020/05/08

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Modify that selective QinQ page via WEB can show the same TPID.
VLAN Setup / Selective QinQ Setup	Modify when inner-vid input "201-201" then will auto change to "201".
VLAN Setup / Selective QinQ Setup	Modify list name form "Entry" to "No.". (WEB)
ACL Setup	Fixed that ACL rules for rate-limit cannot work.
VLAN Setup / Selective QinQ Setup	Fixed that when use sort by inner-vid to edit selective QinQ rule via WEB, it will cause DUT auto add the new rule.
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to edit selective QinQ TPID, TPID will keep on default TPID.
VLAN Setup / Selective QinQ Setup	Fixed that when selective QinQ name setting max 32 characters with multiple port will cause it cannot auto add extended index number (01, 02...).
VLAN Setup / Selective QinQ Setup	Fixed that when use WEB to set selective QinQ TPID to blank, it does not pop up error message.
VLAN Setup / Selective QinQ Setup	Fixed that even deleted selective QinQ rule via WEB, the deleted rules still works.
VLAN Setup / Selective QinQ Setup	Fixed that when use CLI to add selective QinQ rule, but the result of name is not correctly.

## Firmware Version 1.00.0O

Date: 2020/04/30

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN Setup / Selective QinQ Setup	Fixed that when selective QinQ do sort vai SNMP, it will cause selective QinQ table showing not correctly.
VLAN Setup / Selective QinQ Setup	Fixed that when setting selective QinQ with special name character "\" via WEB will successful issue.
VLAN Setup / Selective QinQ Setup	Fixed that selective QinQ inner TPID 9100 does not work.

## Firmware Version 1.00.0N

Date: 2020/04/28

New Feature / System Release	Description
Multicast / MVR	Support MVR feature.
Multicast / Multicast Group Setup	"Multicast Group" support new option "All".
VLAN Setup / Selective QinQ Setup	Support Selective QinQ feature.
Update	Description
N/A	N/A

## Firmware Version 1.00.0M

Date: 2020/03/31

New Feature / System Release	Description
Port Configuration	Add "Auto-Speed" for Port 25~28.
Update	Description
N/A	N/A



## Firmware Version 1.00.0K

Date: 2020/03/27

New Feature / System Release	Description
N/A	N/A
Update	Description
Rapid Spanning Tree / RSTP Port Setup	Modify name of "State" from "Disable" to "Disabled".
Management / User Authentication	Modify name of "Account State" from "Disable" to "Disabled". Modify name of "Account State" from "Enable" to "Enabled".
Management / Management Access Setup	Fixed that when set console login fail block time via web, the error message content has incorrect range.

## Firmware Version 1.00.0J

Date: 2020/03/20

New Feature / System Release	Description
N/A	N/A
Update	Description
SFP Info	Fixed that transmission distance of SFP info display incorrect.
User Authentication / RADIUS	Fixed that when set 802.1x RADIUS IP via web UI, input multicast or broadcast IP will not pop warning message.

## Firmware Version 1.00.0I

Date: 2020/02/06

New Feature / System Release	Description
N/A	N/A
Update	Description
RSTP	Fixed that RSTP "Forward Delay" can't input value 4~10 when use CLI issue.
RSTP	Fixed that RSTP "hello time" can't input value 10 when use CLI issue.

## Firmware Version 1.00.0H

Date: 2020/01/21

New Feature / System Release	Description
N/A	N/A
Update	Description
Telnet	Fixed that when use telnet to login two sessions and show running config at the same time will happen incorrect information issue.
DHCP	Fixed that when get IP address and not send request packet after wait 1/2 lease time issue.

## Firmware Version 1.00.0G

Date: 2019/12/17

New Feature / System Release	Description
N/A	N/A
Update	Description
SFP	Fixed that plug in specific SFP will not display correct value issue.
WEB	Fixed that ACL rules for TOS/Traffic class and Protocol/Next Header cannot enter the value via Web issue.

## Firmware Version 1.00.0F

Date: 2019/11/29

New Feature / System Release	Description
N/A	N/A
Update	Description
Port status	Fixed that set 10G port (25~28) to manual 1000 can success, but still display 10G issue.
Restore	Fixed that restore configuration file without "#" in line 1 first character should be return error issue.
Memory leak	Fixed that when set 802.1x enable in configuration file and run for long time will happen memory leak issue.

## Firmware Version 1.00.0D

Date: 2019/11/08

New Feature / System Release	Description
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MVR	Add MVR System Setup, MVR Port Setup, MVR Multicast Group Setup Sort by.
<a href="#">Update</a>	<a href="#">Description</a>
N/A	N/A

## Firmware Version 1.00.0B

Date: 2019/11/01

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
N/A	N/A
<a href="#">Update</a>	<a href="#">Description</a>
SNMP	Fixed that when use SNMP to set VLAN mode, then VLAN table and IGMP VLAN snooping's VLAN name will show "auto" issue.
CLI	Fixed that use CLI to show MVR multicast group, IPv6 address will display garbled issue.

## Firmware Version 1.00.0A

Date: 2019/10/30

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
MVR	Added that MVR function in SNMP.
<a href="#">Update</a>	<a href="#">Description</a>
N/A	N/A

## Firmware Version 1.00.09

Date: 2019/10/24

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
MVR	Added that IGMP/MLD VLAN Setup and VLAN Table Note into MVR function in CLI and WEB.
<a href="#">Update</a>	<a href="#">Description</a>
N/A	N/A

## Firmware Version 1.00.08

Date: 2019/10/23

<a href="#">New Feature / System Release</a>	<a href="#">Description</a>
N/A	N/A



Update	Description
MVR	Modified the word display length of MVR Name from 32 to 15.

## Firmware Version 1.00.07

Date: 2019/10/21

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP	Fixed that the stream will be lost issue.

## Firmware Version 1.00.06

Date: 2019/10/21

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP	Fixed that the stream will be lost issue.

## Firmware Version 1.00.05

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
Backup	Fixed that the MVR command with wrong issue after backup configuration.

## Firmware Version 1.00.04

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
MVR	Modified that when deleting all variables of the MVR Multicast Group, they can't be the same range with Multicast Group.



## Firmware Version 1.00.03

Date: 2019/10/18

New Feature / System Release	Description
N/A	N/A
Update	Description
MVR	Fixed that when creating MVR VLAN via CLI, the default state is disable issue.
MVR	Modified that the description of MVR VLAN name via CLI.
LLDP	Fixed the LLDP description display issue when entering “,” symbol.
MVR	Modified the word description display when deleting someone index on MVR System Setup page.
MVR	Fixed that delete wrong setting issue on MVR Port Setup page.

## Firmware Version 1.00.02

Date: 2019/10/15

New Feature / System Release	Description
MVR	Added to support MVR feature.
Update	Description
N/A	N/A

## Firmware Version 1.00.01

Date: 2019/10/01

New Feature / System Release	Description
N/A	N/A
Update	Description
LLDP	Fixed that LLDP can't support user-defined port description issue.

## Firmware Version 1.00.00

Date: 2019/08/19

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