

Model Name	SWH/EPS-3112	Version	1.00.0T	Designer	Approval
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Part Number	N/A	Unit	N/A		
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Firmware Version 1.00.0T

Date: 2025/01/06

New Feature / System Release	Description
SSH	Update Dropbear version to 2017.
Management / DHCPv4	Support DHCPv4 client recovery mechanism
Update	Description
Restore/Backup Configuration	Restore the backup configuration file of the switch, and then back up the configuration after the restoration is complete. There are differences between the two backup configuration files.
Management / DHCPv4	<p>System 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.</p> <p>Note: After process "udhcpc" crashed, device will stop to send DHCP packets and stuck the management IP address.</p>

Firmware Version 1.00.0S

Date: 2024/06/24

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI / show difference configuration	<p>After restore partial configure, apply a trunk-vlan twice on an interface and enter "show run", it will lost the trunk-vlan id of first command.</p> <p>Notice!! Because without support to restore partial configure. If you restore it, the commands (parameters) without list on the file, all will be change to default value. Therefore, please to use full configuration file for restore.</p>

Firmware Version 1.00.0R

Date: 2024/04/26

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



Update	Description
Switch Monitor / VLAN Table	Set specific VLAN configure will cause VLAN Table display wrong. (Not affect behavior)

Firmware Version 1.00.0Q

Date: 2024/04/10

New Feature / System Release	Description
N/A	N/A
Update	Description
Switch Monitor / VLAN Table	VLAN information will display wrong.

Firmware Version 1.00.0P

Date: 2024/03/21

New Feature / System Release	Description
N/A	N/A
Update	Description
DHCP Snooping	Unexpected DHCP packet with wrong format will crash DHCP process.
802.1X	DUT can't complete authentication process with TLS mechanism.

Firmware Version 1.00.0O

Date: 2022/10/25

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

Firmware Version 1.00.0N

Date: 2022/10/21

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP Snooping / IPMC Segment / SNMP	Set IPMC segment from SNMP, sometimes SNMP server return "set Unsuccessful" message but actually configure set success.

Firmware Version 1.00.0M

Date: 2022/10/20

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP Snooping	MLD stream won't be forwarded to client without enabling unregistered IPMC flood after report been processed.

Firmware Version 1.00.0L

Date: 2022/10/14

New Feature / System Release	Description
N/A	N/A
Update	Description
IGMP Snooping / IGMP Group Table	“Query Response” and “Life Time” display wrong.

Firmware Version 1.00.0K

Date: 2022/10/13

New Feature / System Release	Description
IGMP Snooping	Support new parameter “Stream Life Time”.
IGMP Snooping / IGMP Group Table	Support column “Last Reporter”, “Query Response”, “Report Count” and “Life Time”.
IGMP Snooping / IGMP Snooping Status	Support "Clear All" button.
IGMP Snooping / MLD Snooping Status	Support "Clear All" button.
Static Multicast Configuration	Extend multicast IPv4 range from 224.0.0.0 ~ 239.255.255.255.
Update	Description
IGMP Snooping / Querying	IGMP local querier won't send out 1st general query after system bootup.

Firmware Version 1.00.0J

Date: 2022/08/25

New Feature / System Release	Description
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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.
SNMP	<p>SNMP MIB file of CPU memory and statistics item name does not match Web page and CLI.</p> <p>Note: "swhCPUAndMemoryStatistics" instead of "swhStatistic".</p>

Firmware Version 1.00.0I

Date: 2022/06/01

New Feature / System Release	Description
N/A	N/A
Update	Description
System / All port status	<p>All ports status will display incorrect after working some days, even actual state is connected and linked.</p> <p>[Notice]</p> <p>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!</p>

Firmware Version 1.00.0H

Date: 2021/11/10



New Feature / System Release	Description
N/A	N/A
Update	Description
SFP Information / SFP Port State	Fixed cannot read SFP DMI data.

Firmware Version 1.00.0G

Date: 2021/10/29

New Feature / System Release	Description
N/A	N/A
Update	Description
MAC Address Table	Fixed that MAC address table will display empty.
SFP Information / SFP Port Info	Fixed that when connected multi-mode 1G SFP, then will show incorrect distance.
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 1.00.0F

Date: 2021/04/14

New Feature / System Release	Description
N/A	N/A
Update	Description
System	Fixed memory leak issue.

Firmware Version 1.00.0E

Date: 2019/12/20

New Feature / System Release	Description
TACACS	Enable TACACS plus
Fast Redundancy counter	Enable Fast Redundancy counter
Update	Description



LLDP	Fixed that when setup LLDP then save and reboot, the LLDP function will not work issue.
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Firmware Version 1.00.0D

Date: 2018/07/24

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP Trap	Fixed that SNMP Trap will not startup when system boot-up.
CLI	Fixed that when enter many times of command "reload image" by CLI, CLI will random happen cannot response.

Firmware Version 1.00.0C

Date: 2018/06/29

New Feature / System Release	Description
N/A	N/A
Update	Description
EEE	Turn off the Ethernet EEE option (disable) for all ports.

Firmware Version 1.00.0B

Date: 2018/06/15

New Feature / System Release	Description
N/A	N/A
Update	Description
L2PT	Fixed that L2PT port can converter packet to designate MAC, but when other port receives designate MAC, it will not converter to original packet.
CLI	Fixed that when configuring some Dot1q VLAN settings on DUT, then check the VLAN table in CLI, the link to CLI will be cut off.

Firmware Version 1.00.0A

Date: 2018/06/06

New Feature / System Release	Description
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CLI	Added that CLI can show running configure with searching “ing” config(running) for a specific word.
Update	Description
CLI	Modify the related commend name of CLI.
System	Fixed the device can’t boot successfully issue.
CLI/WEB	Fixed the last one will be shown duplication on static mac table issue.
IGMP	Fixed that if the Query Response interval is set to 255 seconds, the IGMP query interval will be changed to 25 seconds on SNMP.
LACP	Fixed that if the Query Response interval is set to 255 seconds, the LACPP query interval will be changed to 25 seconds on SNMP.
System	Fixed that if an invalid CLI be entered with "reload" such as "reload aaa", it will cause DUT reboot.

Firmware Version 1.00.09

Date: 2018/03/26

New Feature / System Release	Description
N/A	N/A
Update	Description
LED	Fixed that the LED of PoE always be lit.
VLAN Translation	Fixed that the VLAN translation can’t work fine.
SNMP	Modified that enabling RADIUS or TACACS via SNMP, it can automatically disable the other one.
CLI	Modified that CLI can show related message for hint when operation with wrong setting.
VLAN mapping	Modified that the specified interface can support rule for multiple “original-vid” to the same “translated-vid”.
Trap	Fixed that Storm Control and MAC Limiter Trap do not follow Threshold Interval setting .

Firmware Version 1.00.08

Date: 2018/03/20

New Feature / System Release	Description
VLAN Translation	Added to support VLAN Translation.
L2PT	Added that L2PT function can support LLDP with tagged.
Update	Description
System	Modified the Baud Rate Default value to 9600 from 115200 for consistency.
SNMP	Fixed that when using SNMPC to setting mirror target port and then using CLI to check result is not correctly.
SNMP	Fixed that storm-control can’t be setting for all port at one time.



WEB	Fixed that the ip address of console port (rs232) is not correctly on WEB page and SNMPc event log.
Ping	Fixed that if data size of ping function over 20000, DUT will has packet lost.
Firmware Upgrade	Fixed that when upgrading firmware on web, upgrade image option default should be another Image.
WEB	Fixed that when ip change, it will automatically change url, but sometimes occur web page shown disconnect.

Firmware Version 1.00.07

Date: 2018/01/25

New Feature / System Release	Description
N/A	N/A
Update	Description
MAC Limit	Fixed that the Threshold Interval of MAC Limit can be set to 0-119 issue.
SNMP	Fixed that SNMPc tool can't set Threshold Interval of MAC Limit.

Firmware Version 1.00.06

Date: 2018/01/19

New Feature / System Release	Description
L2PT	Added that L2PT function.
SNMP	Added that it can support MAC-Limit Trap
IP address	Added that it can use address ending with .255(.0)
traceroute	Modified that related option command on traceroute.
Update	Description
SNMP	Fixed that when setting to to assign management vlan via SNMPc, it will pop unsuccessful after press set. But the behavior is correct.
CLI	Modify that to change the ACL "Action port" in CLI to "Mirror/Redirect Port Number"
SPT/Tacacs	Fixed that the default value is wrong issue.
SSH	Fixed that SSH can't work fine issue.
Log message	Fixed that Device shows the wrong message when auto backup file failed issue.
Time Range	Remove the Time Range WEB page from SWH-3112.
VLAN	Fixed that when adding new VLAN, it can set the same VLAN name as other VLAN issue.
VLAN	Fixed that when changing config about VLAN interface from web UI, the device can't show "Settings changed, still not saved.".
Ping	Remove the time out parameter of ping function.



Ping	Fixed that Ping function can't work fine issue.
LACP	Fixed that the LACP can't work issue.
WEB	Fixed that the WEB page can't change to login page when logout succeeded.

Firmware Version 1.00.05

Date: 2017/11/14

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Modified that the OID of LoopBack Test Stop.
CLI	Fixed that the loopback test can't be stopped by click CTRL+C.

Firmware Version 1.00.03

Date: 2017/11/08

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMP	Fixed that DUT doesn't send the SNMP trap or syslog messages for the storm control.
Loopback test	Fixed that Loopback test can't be found in SNMP issue.
SNMP	Fixed that DUT doesn't send the SNMP trap or syslog messages for the Auto-Backup issue.
WEB	Fixed that when subnet mask format key in wrong value, it doesn't pop error message.
WEB	Fixed that on the "VLAN interface" web page, a trunk VLAN cannot be removed if only one port has this trunk VLAN.
PoE	Modified that PoE status can display PoE class information.(EPS-3112)

Firmware Version 1.00.02

Date: 2017/11/01

New Feature / System Release	Description
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Console BaudRate	Added the console baudrate can be selected function.
Storm Control	Added the per port storm control function.
Loopback test	Added the loopback test function.
VLAN	Modified the VLAN configuration behavior.
Update	Description
N/A	N/A

Firmware Version 1.00.01

Date: 2017/10/03

New Feature / System Release	Description
Backup	Added that the Auto Backup Function.
Update	Description
MAC Table	Fixed that the static mac table display blank issue.
MAC	Modified that the multicast addresses can configure as static MAC addresses.
Port Mirror	Fixed that the port mirror function can't work fine issue.
RSTP	Fixed that RSTP will crash during the line-speed flooding traffic issue.

Firmware Version 1.00.00

Date: 2017/09/21

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