

Model Name	IES-IPS-3110(-PB)	Version	1.00.0T	Designer	Approval
Part Name	Firmware	Date	2024/10/18		
Part Number	N/A	Unit	N/A		
File Name	IES-IPS-3110(-PB)_Release note_1.00.0T_20241018.pdf				

Release Note

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Firmware Version 1.00.0T

Date: 2024/10/18

New Feature / System Release	Description
SSH	Update Dropbear version to 2017.
Fast Redundancy / LED	Fast Redundancy LED supports chain protocol. LED "R" → Connection state of enabled Ring and Chain protocol. LED "RM" → Device or port(s) role is [Ring Master], [Chain Head] or [Chain Tail]
Update	Description
SSH	Enable SSH service and save configuration, after device reboot SSH might occurs not activated.
Fast Redundancy	Device can't build a ring topology under VLAN different from management.

Firmware Version 1.00.0S

Date: 2023/06/12

New Feature / System Release	Description
HTTPS	WEB management support HTTPs method.
Update	Description
System	Improve firmware upgrade waiting time from 9 to 6 minutes.

Firmware Version 1.00.0R

Date: 2023/06/05

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

Firmware Version 1.00.0Q

Date: 2022/03/14

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



Port Status	Fixed all ports status will display empty.
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Firmware Version 1.00.0P

Date: 2021/04/19

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

Firmware Version 1.00.0O

Date: 2019/07/24

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Ring / CLI	Fixed that CLI can't find Fast Redundancy's "Status Topology Change Status" & "Fast Redundancy Statistics".

Firmware Version 1.00.0N

Date: 2019/07/16

New Feature / System Release	Description
Auto Backup	Added Trigger Condition "Save Configuration" of Auto-Backup.
Fast Ring / Status	Fast Ring add port counter & refresh button on UI.
Update	Description
N/A	N/A

Firmware Version 1.00.0M

Date: 2019/06/21

New Feature / System Release	Description
N/A	N/A
Update	Description
802.1X	Fixed that when enable 802.1x will cause Fast Ring v2 block port



	cannot take effect (although UI display block).
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Firmware Version 1.00.0L

Date: 2019/06/11

New Feature / System Release	Description
N/A	N/A
Update	Description
802.1X / Status	Fixed that when show Tag VLAN via CLI will not display that ports with "assigned VLAN".
Fast Ring	Fixed that Fast Ring v2 function does not work.

Firmware Version 1.00.0K

Date: 2019/05/28

New Feature / System Release	Description
802.1X / MAB	Support 802.1X MAB(MAC Authentication Bypass) feature.
Update	Description
N/A	N/A

Firmware Version 1.00.0J

Date: 2019/01/17

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Ring	Fixed that when DUT CPU use specific VLAN (except default 1) will cause Fast Ring chain head and tail behavior not effect.

Firmware Version 1.00.0I

Date: 2019/01/08

New Feature / System Release	Description
Fast Ring / Multicast Copy	Support "Multicast Copy" for Fast Ring v2.



Update	Description
Fast Ring / Status	Add Fast Ring v2 update button of status.

Firmware Version 1.00.0H

Date: 2018/11/23

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Ring	Fixed that when send 6 pps announce packet to a ring topology, when ring do continuous topology change will cause DUT reboot randomly. (Probability 3%)

Firmware Version 1.00.0G

Date: 2018/11/19

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Ring	Fixed that when Fast Ring topology change will cause DUT offline. (Probability 1/30).

Firmware Version 1.00.0F

Date: 2018/11/09

New Feature / System Release	Description
N/A	N/A
Update	Description
Fast Ring	Fixed that when Fast Ring topology change will cause DUT offline. (Probability 1/30).
Fast Ring	Fixed that when after reboot will cause DUT Fast Ring does not effective. (Probability 2/20)
Fast Ring	Fixed that WEB page and CLI does not have "Fast Ring trap item", but SNMP have.

Firmware Version 1.00.0E

Date: 2018/10/19

New Feature / System Release	Description
Fast Ring	Support Fast Ring v2.
Update	Description
Backup Configuration	Fixed that when backup running and startup config of snmp trap destination default value is different with old FW version.

Firmware Version 1.00.0C

Date: 2018/09/07

New Feature / System Release	Description
Port Configuration	Copper support 1G
CLI / Terminal Length	CLI support “terminal length 0” and “show running-config full” for showing all of running configuration without ”Press Ctrl-C to exit or any key to continue!” words.
Update	Description
Port Configuration	Modify fiber port cannot set duplex with half (only can set full).
Storm Control	Modify storm control default value to 256.
Loop Detection	Modify loop detection unlock-interval default value to 1440.
Link Aggregation / Distribution Rule	Modify CLI show channel-group trunking distribution MAC_Quotient rule.
Fast Ring	Modify ACL priority of ring to higher, to avoid CPU cannot receive packets of ring during device boot-up initial stage.
Port Configuration / CLI	Replace command from "interface media-type fiber" to "interface media-type sfp".
Link Aggregation / Port Trunking	Fixed that when set Port Trunking rules to full, then press “New” button will display wrong page.

Firmware Version 1.00.0B

Date: 2018/07/24

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

SNMPc	Fixed that SNMP Trap will not start up when system boot up
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Firmware Version 1.00.0A

Date: 2018/07/20

New Feature / System Release	Description
N/A	N/A
Update	Description
Storm Control	Modified that the setting range of Storm Control Rate.(64 kbps-1G)
System	Fixed that the admin level user can't set the user password without OK button.

Firmware Version 1.00.09

Date: 2018/06/29

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI	Fixed that the CLI will stop work after entering "reload image" many times.
SNMPc	Fixed that SNMP randomly crash with default config, maybe happen at DUT boot up, or only do SNMP polling within a few time.
Port Counter	Fixed that the port counter rate (traffic, error, analysis) will display incorrect value.

Firmware Version 1.00.08

Date: 2018/06/19

New Feature / System Release	Description
N/A	N/A
Update	Description
SNMPc	Fixed that SNMP can set duplicate VLAN to loop-detection VLAN ID issue.
SNMPc	Fixed that SNMP "public" community with r/w privilege could not monitor the setting of auto-back configuration.
CLI	Modified that the redundant reminder in the output of 'show vlan interface' should be removed.
System	Fixed that when packet size over 4,294,967,295 (32 bits), system will



	return to 0, due to those count is too small.
WEB	Fixed that the detection interval of loop-detection page on WEB does not show setting range tips.
WEB	Fixed that enabling loop-detection on WEB, all-vlan setting will cve changed to 0.
CLI	Fixed that the CLI can be set role of ring to master or slave.
IGMP	Fixed that IGMP can't work.
Storm Control	Fixed that storm control can't work.
VLAN	Fixed that when configuring VLAN settings, and check the VLAN table in CLI, the link to CLI will be cut off.
SNMPc	Fixed that the configured boot image can't be set as the same with the current boot image by SNMP.

Firmware Version 1.00.07

Date: 2018/06/12

New Feature / System Release	Description
N/A	N/A
Update	Description
CLI	Fixed that the command of "show mac address-table <cr>" can't press any key to continue.
SNMPc	Fixed that SNMPc setting can't be worked fine.
LACP	Fixed that if there are two or more LACP groups, just only one group work fine, the other group traffic will forward to all of member port.
IGMP	Fixed that the last information of SNMP IGMP snooping table does not match WEB page and CLI.
IGMP	Fixed that when IGMP immediate leave is enabled and aging time is 300 seconds, CLI and SNMP setting does not match WEB page
WEB	Fixed that it can't setting system information "Host name" on WEB.
CLI	Fixed that there is no any tip on "no user radius secret" command.

Firmware Version 1.00.06

Date: 2018/06/04

New Feature / System Release	Description
CLI	Added that CLI can support to show running configure with searching specified word.
VLAN	Added that VLAN name style.



Update	Description
CPU Temperature	Fixed that the CPU temperature information will show wrong value.
System	Fixed that the command "no time-range" will not randomly access DUT.

Firmware Version 1.00.05

Date: 2018/05/25

New Feature / System Release	Description
System	Added that the firmware can support IPS-3110-PB device.
Update	Description
RSTP	Fixed that when RSTP topology change, it will randomly cause RSTP process crash.
System	Fixed that when issuing an invalid CLI input beginning with "reload" such as "reload aaa" will cause DUT reboot.
WEB	Fixed that it can't be set successfully on Network Configuration page.
Flow Control	Fixed that the flow control does not work.
SNMPc	Fixed that using SNMPc to setting syslog server ip address from 192.168.0.6 to 0.0.0.0 with unsuccessful issue.
WEB	Fixed that WEB page and SNMPc event log console port(rs232) ip address are not correctly.
QoS	Fixed that QoS configuration can't work fine issue.
Upgradation	Modified that when updating firmware in web, the upgraded image option default should be another image.
System	Fixed that When ip is changed, the URL will be automatically changed, but sometimes occur web page shown disconnect.
Auto Backup	Fixed that when doing auto-backup by tftp, the file directory for the path of the backup file could not end with "/" such as "/tftp_auto_backup/".
VLAN	Fixed that when configuring VLAN settings, and check the VLAN table in CLI, the link to CLI will be cut off.
SNMPc	Fixed that using snmpc to assign management vlan with unsuccessful.

Firmware Version 1.00.04

Date: 2018/01/12

New Feature / System Release	Description
SNMP	Added that Power/CPU/Switch Temperature information to SNMP System information.
IP	Added that it can to use the IP address with .255 (.0) ending.



WEB	Supporting that when Logout Succeeded, it will automatically change to login page
Update	Description
CLI	Fixed that it is not default value when type “no spanning-tree” and “no user tacacs tacacs-port” issue
SSH	Fixed that SSH can’t be worked fine.
Time Range	Removed the Time Rang page of IES-3110 on the WEB.
CLI	Fixed that the tips of traceroute function is incorrect issue.
VLAN	Fixed that it will show “duplicate VLAN name error” after pressing OK button.
VLAN	Fixed that it can’t choose VLAN member when adding a new trunk VLAN issue.
Network	Fixed that it won’t change IP address automatically after setting new IP address issue.
Auto Backup	Modified the state message format of auto-backup state.

Firmware Version 1.00.03

Date: 2018/12/25

New Feature / System Release	Description
IGMP Snooping	Remove the ip igmp snooping vlan command.
Auto Backup	Support Auto Backup function.
VLAN	Modify the new-VLAN-UI-style.
Traceroute	Modify traceroute option command.
Update	Description
WEB	Fixed that it won’t pop message for "Settings changed, still not saved." after changing config about VLAN interface from WEB issue.
Ping	Fixed that Ping function can’t be worked fine.
Ring Detection	Fixed that the packet loss will always happens when the ring detection is enabled on the fiber ports issue.
LACP	Fixed that the LACP function can’t be worked fine.

Firmware Version 1.00.02

Date: 2018/08/28

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



LACP	Fixed that LACP function can't be worked issue.
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Firmware Version 1.00.01

Date: 2018/08/24

New Feature / System Release	Description
N/A	N/A
Update	Description
VLAN	Fixed that VLAN configuration can't be set issue.

Firmware Version 1.00.00

Date: 2017/08/07

New Feature / System Release	Description
N/A	The official version.
Update	Description
N/A	N/A