



## Firmware for IKS-G6524A Series Release Notes

<b>Version: v5.7</b>	<b>Build: FWR_IKSG6524A_V5.</b>
<b>Release Date: Feb 17, 2020</b>	

### Applicable Products

IKS-G6524A Series

### Supported Operating Systems

N/A

### New Features

N/A

### Enhancements

- [MSRV-2017-011][CVE-2019-6561] Supports browser cookie parameters “same-site” to eliminate CSRF attacks.

### Bugs Fixed

- The switch failed to recognize the SFP-1GTXRJ45-T SFP module.
- [MSRV-2017-006][CVE-2019-6557] Buffer overflow vulnerabilities that may have allowed remote control.
- [MSRV-2017-007][CVE-2019-6522] An attacker could read device memory on arbitrary addresses.
- [MSRV-2017-009][CVE-2019-6565] No proper validation of user inputs, which allows users to perform XSS attacks.
- [MSRV-2017-011][CVE-2019-6561] CSRF attacks were possible if browser cookie parameters were not correct.
- [MSRV-2017-012][CWE-121] A stack-based buffer overflow condition whereby the buffer that was being overwritten was allocated on the stack.

### Changes

N/A

### Notes

- MSRV is Moxa's internal security vulnerability tracking ID.



<b>Version: v5.6</b>	<b>Build: Build_18112620</b>
<b>Release Date: Jan 18, 2019</b>	

### **Applicable Products**

IKS-G6524A Series

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Web GUI supports web browser Chrome 65.0

### **Bugs Fixed**

- Fix abnormal display of packet counter on the web GUI

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v5.4</b>	<b>Build: Build_17081010</b>
<b>Release Date: Sep 04, 2017</b>	

### Applicable Products

IKS-G6524A-20GSFP-4GTXSFP-HV-HV, IKS-G6524A-4GTXSFP-HV-HV, IKS-G6524A-8GSFP-4GTXSFP-HV-HV, IKS-G6524A-20GSFP-4GTXSFP-HV-HV-T, IKS-G6524A-4GTXSFP-HV-HV-T, IKS-G6524A-8GSFP-4GTXSFP-HV-HV-T

### Supported Operating Systems

N/A

### New Features

- System Notification: Definable Successful/Failed login notifications.
- Password Policy: Password strength can be set.
- Account Lockout Policy: Failure Threshold and Lockout Time can be set.
- Log Management: Full log handling.
- Remote Access Interface Enable/Disable.
- Configuration Encryption with password.
- Support SSL certification import.
- Support MAC Authentication Bypass via RADIUS authentication.
- MAC Address Access Control List or MAC Address filtering.
- Protect against MAC Flooding Attack by MAC address sticky.
- NTP authentication to prevent NTP DDoS attack.
- Login Authentication: Support primary & backup database servers (RADIUS/TACACS+/Local Account).
- Login Authentication via RADIUS Server: Support Challenge Handshake Authentication Protocol (CHAP) Authentication Mechanism.
- RADIUS Authentication: Support EAP-MSCHAPv2 (For Windows7).
- MXview Security View Feature Support\* (with MXstudio v2.4).
- Turbo Ring v2, Turbo Chain supports Port Trunking.

### Enhancements

- CLI: Support Multiple Sessions (up to six).
- SMTP Supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3.
- SNMPv3 Traps and Informs.
- Display Issue with Java Applet.
- Fiber Check: Add Threshold Alarm.
- Static Port Lock with IVL Mode.
- When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed.
- Web UI/CLI Command enhancements and modifications.

### Bugs Fixed

- When the device received large amounts of BPDU packets on the port that had not enabled the RSTP function, it sometimes caused the device to reboot.
- If there was an '&' character in the column of the switch name, switch location, or switch description, the system info will not show on the 'How Page' information.

### Changes

- ate limit add more option on ingress rate

### Notes

N/A



<b>Version: v4.2</b>	<b>Build: Build_16112110</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

IKS-G6524A-20GSFP-4GTXSFP-HV-HV, IKS-G6524A-4GTXSFP-HV-HV, IKS-G6524A-8GSFP-4GTXSFP-HV-HV, IKS-G6524A-20GSFP-4GTXSFP-HV-HV-T, IKS-G6524A-4GTXSFP-HV-HV-T, IKS-G6524A-8GSFP-4GTXSFP-HV-HV-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Encrypted all security passwords and keys in web user interface and the CLI.

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v4.1</b>	<b>Build: Build_15062312</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

IKS-G6524A-20GSFP-4GTXSFP-HV-HV, IKS-G6524A-4GTXSFP-HV-HV, IKS-G6524A-8GSFP-4GTXSFP-HV-HV, IKS-G6524A-20GSFP-4GTXSFP-HV-HV-T, IKS-G6524A-4GTXSFP-HV-HV-T, IKS-G6524A-8GSFP-4GTXSFP-HV-HV-T

### **Supported Operating Systems**

N/A

### **New Features**

- Added new Multicast Fast Forwarding Mode.

### **Enhancements**

- Increased IGMP Groups to 4096 (original 1000 groups).
- Improved Turbo Chain link status check mechanism at the head port.

### **Bugs Fixed**

- The device rebooted when using CLI commands to back up device configurations to the TFTP server.
- The device rebooted when CLI commands were used to change the SNMP v3 data encryption key and the length of the key is more than 100 characters.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v4.0</b>	<b>Build: Build_14082811</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

IKS-G6524A-20GSFP-4GTXSFP-HV-HV, IKS-G6524A-4GTXSFP-HV-HV, IKS-G6524A-8GSFP-4GTXSFP-HV-HV, IKS-G6524A-20GSFP-4GTXSFP-HV-HV-T, IKS-G6524A-4GTXSFP-HV-HV-T, IKS-G6524A-8GSFP-4GTXSFP-HV-HV-T

### **Supported Operating Systems**

N/A

### **New Features**

- First release for IKS-G6524A Series.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A