

Software Name: Firmware for ICS-G7528A Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v5.6	Build_18112620	N/A	ICS-7528A Series	New Features: N/A Enhancements: 1. Web GUI support web browser Chrome 65.0	Bugs Fixed: 1. Fix abnormal display of packet counter in web GUI Changes: N/A	N/A

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v5.4	Build_17081010	N/A	ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV	<p>New Features:</p> <ol style="list-style-type: none"> 1. System Notification: Definable Successful/Failed login notifications. 2. Password Policy: Password Strength can be set. 3. Account Lockout Policy: Failure Threshold and Lockout Time can be set. 4. Log Management: Full log handling. 5. Remote Access Interface Enable/Disable. 6. Configuration Encryption with password. 7. Support SSL certification import. 8. Support MAC Authentication Bypass via RADIUS authentication. 9. MAC Address Access Control List or MAC Address filtering. 10. Protect against MAC Flooding Attack by MAC address sticky. 11. NTP authentication to prevent NTP DDoS attack. 12. Login Authentication: Support primary & backup database servers (RADIUS/TACACS+/Local Account). 13. Login Authentication via RADIUS Server: Support Challenge Handshake Authentication Protocol (CHAP) Authentication Mechanism. 14. RADIUS Authentication: Support EAP-MSCHAPv2 (For Windows7). 15. MXview Security View Feature Support* (with MXstudio v2.4). 16. Turbo Ring v2, Turbo Chain supports Port Trunking. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. CLI: Support Multiple Sessions (up 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. The device received a large amount of BPDU packets on the port that did not have the RSTP function enabled, which sometimes caused the device to reboot. 2. '&' character in column of switch name, switch location, switch description in system info will not show on the how page information. <p>Changes:</p> <ol style="list-style-type: none"> 1. Rate limit add more option on ingress rate. 	N/A

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				to six). 2. SMTP Supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3. 3. SNMPv3 Traps and Informs. 4. Display Issue with Java Applet. 5. Fiber Check: Add Threshold Alarm. 6. Static Port Lock with IVL Mode. 7. When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed. 8. Web UI/CLI Command Enhancement and Modification.		
v4.2	Build_16112110	N/A	ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV	New Features: N/A Enhancements: 1. Encrypted all security passwords and keys in web user interface and command-line interface.	Bugs Fixed: N/A Changes: N/A	N/A
v4.1	Build_15062312	N/A	ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV	New Features: 1. Added new Multicast Fast Forwarding Mode. Enhancements: 1. Increased IGMP Groups to 4096 (original 1000 groups). 2. Improved Turbo Chain link status check mechanism at the head port.	Bugs Fixed: 1. Device rebooted when using CLI commands to back up device configurations to the TFTP server. 2. Device rebooted when using CLI commands to change SNMP v3 data encryption keys and the length of key is over 100 characters. Changes: N/A	N/A
v4.0	Build_14082811	N/A	ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV	New Features: 1. First release for the ICS-G7528A Series. Enhancements: N/A	Bugs Fixed: N/A Changes: N/A	N/A