

Software Name: Firmware for EDS-G516E Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v6.0	18022316	N/A	N/A	<p>New Features: N/A</p> <p>Enhancements:</p> <ol style="list-style-type: none"> Updated OpenSSL to version v1.0.2k. Increased ARP table size from 100 to 5000 entries. Allowed 802.1X security port to also be set as a redundancy port with all redundancy functions. Improved ICMP response time to be within 200 ms. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> Fixed the issue that caused the device to fail when importing configuration files for different firmware to FW 5.2. Fixed the VLAN configuration issue on the serial console interface. Fixed the issue that caused the switch to duplicate IP multicast packets in disabled VLANs when IGMP Snooping was enabled. Fixed the issue of LLDP destination address not being correct when using trunk ports. Fixed Gigabit Fiber speed display issue. Fixed DHCP discovery fail issue. Fixed the issue of not being able to use Loop Prevent while RSTP is enabled. Fixed the link issue that occurs when the Gigabit Fiber port connects with 100M SFP and imports a configuration via CLI through that port. Fixed the link issue when using 100M SFP to connect with non-Moxa switches. Fixed the issue that causes the DHCP client to be unable to obtain an IP Address when DHCP Relay is disabled. Fixed the LED display error when users configure Turbo Chain to use an "even" number port as its head port. Fixed the looping issue that occurs when rebooting the switch using the dual homing function. <p>Changes:</p> <ol style="list-style-type: none"> Encrypted security keys in CLI commands Added support for new hardware version and backward compatibility with older hardware versions (Note: Hardware versions later than 2.0.0 only support firmware version 6.0 or later) 	N/A

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v5.2	Build_170531111.rom	N/A	EDS-G508E, EDS-G508E-T, EDS-G512E-4GSFP, EDS-G512E-4GSFP/KC, EDS-G512E-4GSFP-T, EDS-G512E-4GSFP-T/KC, EDS-G512E-8PoE-4GSFP, EDS-G512E-8PoE-4GSFP/KC, EDS-G512E-8PoE-4GSFP-T, EDS-G512E-8PoE-4GSFP-T/KC, EDS-G516E-4GSFP, EDS-G516E-4GSFP-T	<p>New Features:</p> <ol style="list-style-type: none"> DSCP rewrite function. This feature is only available in Command Line Interface (CLI). Traffic rate setting in storm protection function. This feature is only available in Command Line Interface (CLI). <p>Important Notice: After upgrading the firmware, please reset the switch to the factory default settings and manually input the configuration settings. Users cannot import existing configuration files into firmware v5.2 due to a change in the software design.</p> <p>Enhancements:</p> <ol style="list-style-type: none"> Increased Access Control List (ACL) support rules from 160 to 230 rules. 	<p>Bugs Fixed:</p> <p>N/A</p> <p>Changes:</p> <p>N/A</p>	N/A

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v5.1	Build_16072215	N/A	EDS-G508E, EDS-G508E-T, EDS-G512E-4GSFP, EDS-G512E-4GSFP/KC, EDS-G512E-4GSFP-T, EDS-G512E-8PoE-4GSFP, EDS-G512E-8PoE-4GSFP/KC, EDS-G512E-8PoE-4GSFP-T, EDS-G512E-8PoE-4GSFP-T/KC, EDS-G516E-4GSFP, EDS-G516E-4GSFP-T	New Features: <ol style="list-style-type: none"> 1. System Notification: Definable Successful/Failed Login notification. 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. Supports SSL Certification Import. 8. Supports MAC Authentication Bypass via RADIUS Authentication. 9. MAC Address Access Control List or MAC Address Filtering. 10. Protects 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 v1/v2, Turbo Chain Support Port Trunking. 17. Layer2 V-On. 	Bugs Fixed: <ol style="list-style-type: none"> 1. Drown Attack. 2. ICS-VU-951212 Vulnerabilities. 3. Nessus Vulnerability. Changes: N/A	N/A

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				Enhancements: 1. CLI: Supports Multiple Sessions (up to six). 2. SMTP supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3. 3. SNMPv3 Traps and Informs. 4. Fixed Display Issue with Java Applet. 5. Fiber Check: Added Threshold Alarm. 6. Static Port Lock with IVL Mode. 7. Serial Number: 12 Digital S/N Display. 8. When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed. 9. Web UI/CLI Command Enhancement and Modification.		
v4.2	Build_15062316	N/A	EDS-G508E, EDS-G508E-T, EDS-G512E-4GSFP, EDS-G512E-4GSFP/KC, EDS-G512E-4GSFP-T, EDS-G512E-4GSFP-T/KC, EDS-G512E-8PoE-4GSFP, EDS-G512E-8PoE-4GSFP/KC, EDS-G512E-8PoE-4GSFP-T, EDS-G512E-8PoE-4GSFP-T/KC, EDS-G516E-4GSFP, EDS-G516E-4GSFP-T	New Features: 2. Added new Multicast Fast Forwarding mode. Enhancements: 1. Increased IGMP Groups to 2048 (original 256 groups). 2. Improved Turbo Chain link status check mechanism at the head port.	Bugs Fixed: N/A Changes: N/A	N/A

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v4.1	Build_15010918	N/A	EDS-G508E, EDS-G508E-T, EDS-G512E-4GSFP, EDS-G512E-4GSFP/KC, EDS-G512E-4GSFP-T, EDS-G512E-4GSFP-T/KC, EDS-G512E-8PoE-4GSFP, EDS-G512E-8PoE-4GSFP/KC, EDS-G512E-8PoE-4GSFP-T, EDS-G512E-8PoE-4GSFP-T/KC, EDS-G516E-4GSFP, EDS-G516E-4GSFP-T	New Features: N/A Enhancements: N/A	Bugs Fixed: N/A Changes: 1. Web user interface display errors under Java 8 environment.	N/A
v4.0	Build_13090210	N/A	EDS-G508E, EDS-G508E-T, EDS-G512E-4GSFP, EDS-G512E-4GSFP/KC, EDS-G512E-4GSFP-T, EDS-G512E-4GSFP-T/KC, EDS-G512E-8PoE-4GSFP, EDS-G512E-8PoE-4GSFP/KC, EDS-G512E-8PoE-4GSFP-T, EDS-G512E-8PoE-4GSFP-T/KC, EDS-G516E-4GSFP, EDS-G516E-4GSFP-T	New Features: 1. New release for the EDS-G500E Series. Enhancements: N/A	Bugs Fixed: N/A Changes: N/A	N/A