

Software Name: FIRMWARE for NPort 5110 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.9	Build 17103018	N/A	NPort 5110, NPort 5110-T	<p>New Features: N/A</p> <p>Enhancements: 1. ICS-CERT ICS-VU-923791: Moxa NPort 5110 flood attack vulnerability report.</p>	<p>Bugs Fixed: N/A</p> <p>Changes: N/A</p>	N/A
v2.8	Build 17090114	N/A	NPort 5110, NPort 5110-T	<p>New Features: N/A</p> <p>Enhancements: 1. ICS-CERT ICS-VU-398374: Moxa NPort 5110 Ethernet leaking vulnerability report. 2. ICS-CERT ICS-VU-034903: Moxa NPort 5110 vulnerability report.</p>	<p>Bugs Fixed: 1. Pair connection mode cannot resolve domain names.</p> <p>Changes: N/A</p>	N/A
v2.7	Build 17030709	N/A	NPort 5110, NPort 5110-T	<p>New Features: N/A</p> <p>Enhancements: N/A</p>	<p>Bugs Fixed: 1. TCP/IP protocol may stop responding: CNCERT CNVD-2016-12094. 2. The user's password and SNMP community name may be exposed by a buffer overflow issue.</p> <p>Changes: N/A</p>	N/A

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v2.6	Build 16100411	N/A	NPort 5110, NPort 5110-T	<p>New Features: N/A</p> <p>Enhancements:</p> <ol style="list-style-type: none"> Enhanced web login security and supports 5 users logged in simultaneously. Extended HTTP challenge ID length from 32 bits to 256 bits. Enabled the default password "moxa". Increased CSRF protection mechanism. Increased XSS protection mechanism. The IP address of the NPort can be set to an address ending with 0 or 255. Supports "ARP probe" in RFC5227. NPort would respond for ARP requests with sender IP address 0.0.0.0. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> NPort cannot send email using Google's SMTP server. In pair connection mode, master does not pull down RTS/DTR signal after the TCP connection is broken. Command port sends lots of "D_ASPP_CMD_ALIVE" packets after running for 50 days. NPort may reboot or hang from several buffer overflow attacks through Telnet, SSH, DSCI, SNMP, HTTP, and HTTPS. <p>Changes: N/A</p>	N/A
v2.5	Build 15041515	N/A	NPort 5110, NPort 5110-T	<p>New Features: N/A</p> <p>Enhancements:</p> <ol style="list-style-type: none"> Uses model name instead of "NULL" for SNMP object "sysDescr". Supports connecting to the server by domain name and the server IP will change dynamically. Supports updating the ARP table by gratuitous ARP. Improved the URL encoding issue when typing the character '@' on the email trap settings page in Firefox. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> If an SNMP GETNEXT command is issued on an object that does not exist, 'no such name error' is displayed. When DHCP renews IPs, if the IP was originally given by a relay agent, NPort should send a DHCP request to the relay agent, not the DHCP server. In Real COM mode, when the modem status of the NPort's serial port is changed frequently, the NPort will sometimes fail to notify the change to the driver. In reverse telnet mode, the NPort will try to subnegotiate the COM port control options without option negotiation first. <p>Changes: N/A</p>	N/A