

Software Name: Firmware for MiiNePort E1 Series

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.8	16112216	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports SCM client connections in MCSC mode. 2. In TCP client, for the manual connection option in connection control, both the IP and domain name can be entered from serial. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. Prevents XSS attacks on web server. 2. Extended challenge ID to 64 bytes for security purposes. 3. Supports CSRF token on webpage for security purposes. 4. Enhanced web login security and supports 5 users logged in simultaneously. 5. Enabled default password for login. 6. Supports encrypted import/export. 7. Removed the echo server (port 7) function. 8. The "sysDescr" default value is set to the model name. 9. SCM client connections support TCP client mode. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. In MCSC mode, MiiNePort may stop sending continuous data when using a slow baudrate. 2. Console showed DIO state error when DIO mode was set to input. 3. In Real COM mode, opening a port caused RX malfunctions while the port was receiving data. 4. In Real COM mode, the data port connection counter would be incorrect when only the command port was connected and a command timeout notification occurred. 5. Data would not be completely sent to the serial port when the TCP connection closed immediately after data was transmitted from host. <p>Changes:</p> <p>N/A</p>	<ol style="list-style-type: none"> 1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)
v1.7	11110720	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports MiiNePort SDK firmware. <p>Enhancements:</p> <ol style="list-style-type: none"> 1. If MiiNePort receives a ARP request from another host for which an ARP entry already exists, the hardware address in the ARP entry will be updated accordingly. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. RFC1213-MIB "Get Next" of sysServices will get ifIndex instead of ifNumber. <p>Changes:</p> <p>N/A</p>	<ol style="list-style-type: none"> 1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)

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v1.6	11071409	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. In Real COM mode, the alive check mechanism would not work properly. 2. In Windows 7 with IE8, images on the webpage may be missing. 3. TCP retransmission may happen immediately. Changes: N/A	1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)
v1.5	11042010	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. In Real COM mode, the MiiNePort E1 would reboot when users closed the port. Changes: N/A	1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)
v1.4	10080614	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	New Features: 1. Supports MiiNePort E1-H, MiiNePort E1-H-T. 2. When DHCP or BOOTP server does not respond properly, the Fault LED (right side of the RJ45 jack) will blink amber every 0.5 seconds. Enhancements: 1. Changed the filename of configuration file for the AutoCFG process. The file name for MiiNePort E1 is "MiiNePortE1.txt", for MiiNePort E1-H is "MiiNePortE1-H.txt". If the MiiNePort E1 cannot get the "MiiNePortE1.txt" file, it will try to get the "MiiNePortE1.cfg" file.	Bugs Fixed: 1. In the web console, when changing the OP mode to MCSC and submitting immediately, the OP mode would be unchanged. 2. Setting "Match bytes" as 2 byte by NECL command lost efficacy. 3. The device name would be cleared after changing miscellaneous settings from the web console. 4. Doing a firmware upgrade from the web console would fail occasionally. 5. DHCP would fail occasionally. 6. The gratuitous ARP period value limit range was not matched between the telnet console and web console. Changes: N/A	1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)

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v1.2	10012613	N/A	MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST	<p>New Features: N/A</p> <p>Enhancements: N/A</p>	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> Setting the destination port for UDP mode using the web console did not work. The destination port for TCP Client mode only accepted 4 digits in the telnet console. ExTrigger reset-to-default functionality sometimes failed to reset IP settings when AutoIP/AutoCfg was enabled. The text "Configuration Tool" in the web/telnet console should be plural. MiiNePort would continue trying to connect to peer host in TCP Client mode even if serial command mode was triggered. Invalid destination port numbers for UDP mode could be set through the web console. Destinations for UDP mode would be cleared when the settings of other operation modes were changed through the web console. Destination 2-4 for UDP mode should be cleared when configuring UDP mode using simple view through the web console. "Configuration Tools Settings OK" would be incorrectly shown after configuring Auto Configuration through the web console. Reset-to-default via NECl did not work. Data 0x00 would trigger serial command mode when it was set to trigger by break signal. Retrieving MAC addresses in serial command mode returned unrecognized information. For configuration of serial command mode SW trigger characters, the exported configuration file did not include the second and third trigger characters. Connecting to a non-existing host caused delays for all other packets. <p>Changes: N/A</p>	<p>1. This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)</p>