



## Firmware for MiiNePort E1 Series Release Notes

<b>Version: v1.8</b>	<b>Build: 16112216</b>
<b>Release Date: Dec 01, 2016</b>	

### Applicable Products

MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST, MiiNePort E1, MiiNePort E1-H

### Supported Operating Systems

N/A

### New Features

- Supports SCM client connections in MCSC mode.
- In TCP client, for the manual connection option in connection control, both the IP and domain name can be entered from serial.

### Enhancements

- Prevents XSS attacks on web server.
- Extended challenge ID to 64 bytes for security purposes.
- Supports CSRF token on webpage for security purposes.
- Enhanced web login security and supports 5 users logged in simultaneously.
- Enabled default password for login.
- Supports encrypted import/export.
- Removed the echo server (port 7) function.
- The "sysDescr" default value is set to the model name.
- SCM client connections support TCP client mode.

### Bugs Fixed

- In MCSC mode, MiiNePort may stop sending continuous data when using a slow baudrate.
- Console showed DIO state error when DIO mode was set to input.
- In Real COM mode, opening a port caused RX malfunctions while the port was receiving data.
- 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.
- Data would not be completely sent to the serial port when the TCP connection closed immediately after data was transmitted from host.

### Changes

N/A

### Notes

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)



<b>Version: v1.7</b>	<b>Build: 11110720</b>
<b>Release Date: N/A</b>	

**Applicable Products**

MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST

**Supported Operating Systems**

N/A

**New Features**

- Supports MiiNePort SDK firmware.

**Enhancements**

- 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.

**Bugs Fixed**

- RFC1213-MIB "Get Next" of sysServices will get ifIndex instead of ifNumber.

**Changes**

N/A

**Notes**

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)



<b>Version: v1.6</b>	<b>Build: 11071409</b>
<b>Release Date: N/A</b>	

**Applicable Products**

MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

N/A

**Bugs Fixed**

- In Real COM mode, the alive check mechanism would not work properly.
- In Windows 7 with IE8, images on the webpage may be missing.
- TCP retransmission may happen immediately.

**Changes**

N/A

**Notes**

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)



<b>Version: v1.5</b>	<b>Build: 11042010</b>
<b>Release Date: N/A</b>	

**Applicable Products**

MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

N/A

**Bugs Fixed**

- In Real COM mode, the MiiNePort E1 would reboot when users closed the port.

**Changes**

N/A

**Notes**

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)



<b>Version: v1.4</b>	<b>Build: 10080614</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST

### **Supported Operating Systems**

N/A

### **New Features**

- Supports MiiNePort E1-H, MiiNePort E1-H-T.
- 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**

- 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**

- In the web console, when changing the OP mode to MCSC and submitting immediately, the OP mode would be unchanged.
- Setting "Match bytes" as 2 byte by NECI command lost efficacy.
- The device name would be cleared after changing miscellaneous settings from the web console.
- Doing a firmware upgrade from the web console would fail occasionally.
- DHCP would fail occasionally.
- The gratuitous ARP period value limit range was not matched between the telnet console and web console.

### **Changes**

N/A

### **Notes**

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)



<b>Version: v1.2</b>	<b>Build: 10012613</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

MiiNePort E1, MiiNePort E1-H, MiiNePort E1-T, MiiNePort E1-H-T, MiiNePort E1-ST

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- 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 NECI 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.

### **Changes**

N/A

### **Notes**

- This version also support MiiNePort E1-SDK, MiiNePort E1-H-SDK, and MiiNePort E1-ST (w/o module)