Firmware for MiiNePort E1 Series Release Notes

Version: v1.9	Build: Build 22120118
Release Date: Feb 20, 2023	

Applicable Products

MiiNePort E1 Series

Supported Operating Systems

N/A

New Features

- Supports multicast in UDP operation mode.
  Multicast address should be set to the start of the destination address field.
- Supports IGMP v1.

Enhancements

- Removes the TTL limit of 1 for multicast packet.
- Auto configuration now supports encrypted configuration file.
- ARP table updated only if the response ARP is from an MiiNePort or the ARP entry already exists.

Bugs Fixed

- The response for the first command in SCM is slow.
- MiiNePort may reboot or hang during buffer overflow attacks on Telnet, DSCI, SNMP, and HTTP.
- MiiNePort E1 Series firmware does not support MiiNePort SDK.

Changes

N/A

Notes

N/A

Version: v1.8	Build: 16112216
Release Date: Dec 01, 2016	

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)

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

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)

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

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)

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

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)

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

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)

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

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)