Thermostat HMI Change Log

Document Information

Abstract	Introduce Thermostat HMI change log for the Nuvoton emWin N9H20 series microprocessor (MPU).
Apply to	Nuvoton emWin N9H20 series

The information described in this document is the exclusive intellectual property of Nuvoton Technology Corporation and shall not be reproduced without permission from Nuvoton.

Nuvoton is providing this document only for reference purposes of NuMicro microcontroller based system design. Nuvoton assumes no responsibility for errors or omissions.

All data and specifications are subject to change without notice.

For additional information or questions, please contact: Nuvoton Technology Corporation.

www.nuvoton.com

Table of Contents

1 Introduction

This document describes Thermostat HMI change history.

2 Thermostat HMI Change History

This chapter introduces Thermostat HMI change log in the N9H20 BSP.

2.1 Change Log

V1.5	● Update Modbus RTU to 8-bit data, non-parity check & 2 stop bit ● Changed all images stored in memory to store in NAND flash using FAT file-system instead
V1.4	● Add Modbus Master
V1.3	● Update booting logo and heading window logo ● Add to support N9H20K3 8MB version ● Add repeat key in Menu1's DEHUMIDIFY, FAN, COOL, HEAT and Menu2's temp. up and down ● Modify emWin memory pool size
V1.2	● Add PWM for backlight control. ● Add a SLIDER widget to adjust backlight.
V1.1	● Support GCC toolchain. ● Add NuEclipse project for GCC. ● Update initialization of cache.
V1.0	● Initially created.

Revision History

Date	Revision	Description
2020.05.21	1.03	1. Updated Modbus RTU setting to non-parity check 2. Updated to load images from NAND flash
2020.03.11	1.02	1. Demo example update to V1.4
2020.02.18	1.01	1. SDK update to V1.3
2020.01.21	1.00	1. Initially issued.

Important Notice

Nuvoton Products are neither intended nor warranted for usage in systems or equipment, any malfunction or failure of which may cause loss of human life, bodily injury or severe property damage. Such applications are deemed, "Insecure Usage".

Insecure usage includes, but is not limited to: equipment for surgical implementation, atomic energy control instruments, airplane or spaceship instruments, the control or operation of dynamic, brake or safety systems designed for vehicular use, traffic signal instruments, all types of safety devices, and other applications intended to support or sustain life.

All Insecure Usage shall be made at customer's risk, and in the event that third parties lay claims to Nuvoton as a result of customer's Insecure Usage, customer shall indemnify the damages and liabilities thus incurred by Nuvoton.

Please note that all data and specifications are subject to change without notice.
All the trademarks of products and companies mentioned in this datasheet belong to their respective owners.