

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

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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

V2.1	<ul style="list-style-type: none"> ● Add Tuya IoT document to describe Tuya IoT module and Thermostat integration
V2.0	<ul style="list-style-type: none"> ● Add Tuya IoT module to let Thermostat has network connection ability and to get date/time and Tuya Cloud service
V1.5	<ul style="list-style-type: none"> ● Update Modbus RTU to 8-bit data, non-parity check & 2 stop bit ● Change all images stored in memory to store in NAND flash using FAT file-system instead
V1.4	<ul style="list-style-type: none"> ● Add Modbus Master
V1.3	<ul style="list-style-type: none"> ● 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	<ul style="list-style-type: none"> ● Add PWM for backlight control. ● Add a SLIDER widget to adjust backlight.
V1.1	<ul style="list-style-type: none"> ● Support GCC toolchain. ● Add NuEclipse project for GCC. ● Update initialization of cache.
V1.0	<ul style="list-style-type: none"> ● Initially created.

Revision History

Date	Revision	Description
2021.02.27	1.05	1. Added Tuya IoT document
2021.02.26	1.04	1. Added Tuya IoT module
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.

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