



Pushing Performance

People | Power | Partnership

HARTING MICA® Base System 10 Release Notes



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2 General Notes

To upgrade to MICA Base System 10, MICA Base System 2 or later has to be installed. If your MICA has an earlier version of the MICA Base, you first need to upgrade it to version 2, and then to version 10.

Please perform a browser refresh and restart any previously installed containers after upgrading the firmware.

Warning: Firmware upgrades are NOT REVERSIBLE.

For more detail, please review **Getting Started with MICA** available at <https://www.harting.com/downloadcenter>



3 New Features and Improvements

3.1 Improvements to Mobile Connectivity

MICA Base System 10 now tries to connect to LTE indefinitely. Earlier MICA firmware versions timed out connection requests after 30 minutes.

The MICA now shows RSSI and provider information in the mobile connection dialog.

The ICCID of a MICA eSIM is now shown uniformly as 19-digit number.

3.2 Improvements to Name Resolution and NTP Connectivity over WiFi and Mobile Connections

MICA Base System 10 includes some changes to improve name resolution and NTP connectivity over mobile and NTP connections.

3.3 RTC Refresh now once per Minute

Due to some intermittent issues in some customer installations, the MICA real time clock now gets updated once per minute when the MICA is connected to an NTP server.

3.4 Kernel Update

The MICA Linux kernel has been updated to 4.4.224.

3.5 Further Bux Fixes and Enhancements

- Disconnected USB Ethernet dongles are now shown as inactive
- Firmware updates can now be restarted if the updates times out in the confirmation dialog.

4 Depreciation of Additional Network Interfaces

MICA Base System 5 – 7 let you specify additional network interfaces on a HARTING MICA and configure various container types as gateway containers to let applications use these additional network interfaces as default gateways. While legacy containers using additional network interfaces will still work on MICA Base System 10, their functionality has been superseded by the secondary network interfaces.



5 Known Limitations

- After updating a MICA Wireless from Base System 7, the LTE modem is turned off and needs to be reenabled in Settings—Network – Interface-specific Configuration.
- In some cases, automatically generated port forwarding routes are not displayed in the user interface. Restart the MICA to resolve this issue.