Technical Paper

Overview - Danfoss Icon2™ App and Firmware versions

Danfoss Icon2™ **App software**

App versions:			
Release	**Versions**	**Date**	**Improvements**
1.0	1.1.1		• Application 7,10,17 and 20 actuators used for changeover are not shown as available for rooms
	1.1.2		• Bug fixes and performance improvements
	1.1.3		• Fixes an issue with the wrong conversion factor of Zigbee signal in the network test.
	1.1.4		• Fixes a bug in some translations and links to Privacy Policy. • Adds updated functionality in Demo mode.
	1.1.5		• Implement Czech language; • Privacy Policy in polish fixed ; • Added Uninstall Repeater functionality
	1.1.6		• Fixed uninstall repeater functionality if there is more then one repeater
	1.1.7		• Updated Privacy Policy URL • Added new image for Wired RT in Configure Room screen • Fixed app does not reconnect to MC after OTA, pairing alert is shown constantly now
	1.1.8		• Bug fixes
	1.1.9		• Serial number and HP optimizer status added to handover report. • Updated handling of Danfoss Identity Profile logon • Temperature setpoint refresh for room overview • Minor updates to graphical layout Minor bugfixes and improvements • Update for demo mode
	1.1.10		• Minor UI related updates • Stability improvements • Improved QR scanner
1.2	1.2.0		• QR code scanner optimization • Support for 3rd party repeaters • Join repeaters and RTs without QR code
	1.2.1		• Added Spanish language support
1.3	1.3.0		• Multi controller system support • Installation steps optimisation • Network test improvements
	1.3.1		• Improvement to flow of adding RTs, if installer leaves Main MC and bluetooth connection is lost, and he returns within range, then connection will auto-connect. • Improvement to commissioning of a new building, clearer discription of difference between Single vs Multi MC. • Network test improvement • Improvements to MMC configuration • Technical drawings with legends
	1.3.3		Change to the format of the installation report which is stored locally on the Main Controller. • Bug fix to the network test related to when the installation uses multiple ZigBee repeaters. • Various other smaller improvement Android specifically: Bug fix related to when the user wants to connect a ZigBee Repeater to the Main Controller.

Firmware versions:			
Release	**Versions**	**Date**	**Improvements**
1.14	1.14		• Danfoss Icon2 release
1.22	1.22 (0.2.6)	20/09/2023	**Danfoss Icon2 Main Controller (MC)** • Added support for naming the Danfos ZigBee repeater **Danfoss Icon2 Room Thermostat (RT)** • Icon 2 RT will display 'Net Err' if a repeater is connected to the system and Icon 2 MC is offline. • The default state for Icon 2 RT cooling enabled is set to ON. Before the change, the default state was OFF.
1.38	1.38 (0.2.6)	11/07/2024	**Danfoss Icon2 Main Controller (MC)** • Fixed issue with wrong error codes being sent to Ally (fix in Ally still pending) • Improved pairing range on ZigBee • Improved stability detection of TWA. • Improved handling of power loss to ensure proper storing of system settings. • Fixed issue with unwanted offset when using mixing shunt forward line temperature control • Fixed issues where RTS's would have a hard time joining the MC (Master Controller) during pairing. **Danfoss Icon2 Room Thermostat (RT)** • Improved RTZ user experience – more responsive user interface with less "busy" moments • Improved RTZ Temperature measurement – more consistency • Fixed Battery drain issue when updating the RTZ firmware. (fixed after update) • Fixed issue where RT24V would not join MC
1.46	1.46 (0.2.8)	13/11/2024	**Danfoss Icon2 Main Controller (MC)** • Long Join Feature to allow MMC UX flow • Improved Stability (fixed re-starts that were not so visible to the user, but happened anyway) • Improved logging for easier support in case of crash • Fixed issue where the RT24V could change room name at Join • Workaround for issue where the network lose its NW ID when a conflict is detected by a repeater • Temperature reporting at rejoin (preventing Ally to show units offline when they are not) • Improved stability of temperature reporting in MMC Systems
1.50	1.50 (0.2.10)	04/12/2024	**Danfoss Icon2 Main Controller (MC)** • Fix to avoid that an Secondary MC in a MMC system could enter Idle mode when changing from installation to run mode • Fix of the device ping, which makes that the RT and the MC output blinks at the same time during a ping test **Danfoss Icon2 Room Thermostat (RT)** • Fix to avoid that the RT reported a wrong setpoint when the panel was activated by a user, which in some cases was sent to Ally instead of the right one (sent few seconds after but maybe lost or coming earlier than the wrong one) • The wired RT 24V can now set Child lock locally (the feature was not enabled before)
1.60	1.60(0.2.12)	22/04/2025	**Danfoss Icon2 Main Controller (MC)** • Fix to solve a challenge with firmware update of Danfoss ZigBee Repeaters connected to the main controller, to version 1.17. • Various other bugfixes.

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