

AK-SC255

Product Release Information

Software Release Version R02.121 (AK-SC255) - R version

July 2010

R version R02.121 AK-SC 255 software is released today for field upgrade.

Version 5.6 of the remote commissioning software tool (AKA65) is recommended.

Software name	WIN 255 filename	Firmware	Replaces
R02.121 (R version)	VR02_121.exe	VR02_121.csi, mai	VR02_111.csi

Requirements:

AKA65 software version 5.6 / AK255 Boot Loader version 6.1

For EKC / AK Modbus support use AK-SC255 baseboard H/W revision V1.5 and above.

Summary of changes / description:

R02.111 is a (major) software update for the AK-SC255 controller and is recommended for all users wishing to enhance system functionality based on **table 1**.

Upgrading your AK-SC255

Always backup original database prior to performing upgrade.

To upgrade AK-SC255 software, it is recommended that this process is done in incremental (release software) steps.

Ensure that your AK-SC255 has been upgraded to 6.1 Boot loader first. Use AK255 Code downloader 4.1 and bootloader 6.1. Refer to the new 'AK-SC255 Upgrade procedure' document (USCO.EI.RF0.A1.22.003 / 521U0112) for full upgrade options

Please view the following web resources to access the latest AK-SC255 software & documentation:

Danfoss Only access

<http://portal.danfoss.net/sites/ak2sc255/default.aspx>

Public Access

http://www.danfoss.com/North_America

Introduction

AK-SC255 software update R02_121 offers new features, functionality and minor software fixes. Table 1 reflects the content of R02_121 software release.

Table 1

New feature - functionality / Corrected items
Added new control feature for CO2 application - 'Industrial defrost'
Added support for new WattNode Plus power meter communicating over the Modbus network
Lennox HVAC enhancement - constrain Economizer status if configuration is set to 'No' for Economizer
Add support for delta temps in Evap list screen
Fixed error with HVAC 'All' Auth level
Fixed Evap Overview parameter display issue with AKCC-550 controllers
Outside temperature value in Condenser Overview screen now correctly reflects C when Celsius is the preference used
Support for new Wattnode Plus Modbus power meter
Fixed AK-CC550 Navigation error in Evap Overview screen
Quick set-up's on AKCC-303's are now logged in Audit trail
Removed 'Clear All' button from the Acknowledged alarm log. (Ver R,S,M)
Compressor control 'reaction table' enhancement for CO2 Rack control [via Drive control] - sensitivity table now shown