

TECHNICAL INSTRUCTION

Software update – CM/CB-E 3.0



Description

The technical instruction describes the step by step process conduct the software update on the controllers CM-E 3.0 and CB-E 3.0.

Required Software: Smart Service-DA/CMD, Network cable / patch cable RJ45

Step 1 Open the network and Internet settings on the laptop. (Important!!
Network connection from the laptop to port x25 must be available).

- Open Ethernet
- Open Network and Sharing Centre.
- Open unidentified network Ethernet.
- Open Properties

If you are prompted for a password, log in with the user login.

- Select Internet Protocol Version 4 (TCP/IPv4).

Step 2 → Open Properties and select Use the following IP address:

IP Address :	192.168.5.100
Subnatmask :	255.255.255.0
Gateway :	192.168.5.10

- Confirm with OK

Step 3 Return to Smart Service and select Options in the header

- Select Control (Congrav, ISC)
- Select Congrav CM-E, CB-E, CB-S (BT field bus)
- Select Protocol and select Ethernet Open Modbus TCP
- Pop-up window opens with selection (Select Feeder)

Step 4 → Select scale **1**. Default **IP address 192.168.5.251**. Confirm with Connect.

- Select Feeder **1** and confirm with double click
- Pop-up window opens - Select Print button
- Pop-up window opens for entering the order number, etc. enter data and confirm with OK
- Print opens, select printer and PDF printer, confirm with OK, save PDF

Feeder protocol with all parameters is now saved.

- Step 5** Return to Smart Service and select Back-up
- Select Load program CM/CB 3.0
 - Select Connect to Congrav. When communication is active, the control window turns green
 - Select the Backup>PC button
 - Save the backup on the laptop.

- Step 6**
- Select directory of program
 - Select the file path with the ZIP file of the software (Zip file must not be unpacked)
 - Select Zip File in the right window
- Select Start Update

- Step 7** A pop-up window with Progress opens. (Loading may take a few minutes)
- The pop-up window Program loaded successfully opens.
 - Confirm with OK.
 - Execute PLC update (this can take up to 10min, needed from V4.80)

- Step 8** After the restart, perform a network reset. (After the network reset, the controller needs approx. 1 ½ minutes for the restart).
- Return created backup, select "Restore data > CM/CB", select Back up and confirm with "OK".
 - Check back-up data.
 - If back-up is not available with feeder protocol PDF, enter the parameters with Smart Service.

If you have any questions, contact the hotline: +49 203/9984299