Router CM-R 19



SW Update procedure for standalone devices

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1. Software Update pre-requisites

- ✓ USB stick with sufficient free space to store the download files
 - \circ $\;$ Note: Ensure, that no older SW versions are stored on the USB stick
- ✓ Use a USB stick formatted to FAT32 or NTFS
- ✓ Having access to the server: https://downloads.bosch-carmultimedia.net
- ✓ The method to connect to the Router CM-R 19 may differ depending on the mobile device or PC that is used.
- ✓ CM-R19 device is properly installed and switched on.

2. Software Update steps

Step 1: Download the SW update file from the server

(https://downloads.bosch-carmultimedia.net)

Step 2: Copy the UPDATE_FILES folder to the USB stick.

Hints: Do not rename the folder.



Step 3: Connect the prepared USB stick to any USB slot of the CM-R 19 while the device is already running.



Step 4: Access the update page via admin Wi-Fi (http://bosch.router.admin) Click on «Update« in the "Settings" menu.



Hints: You can find the required password ("UI admin password") on the device label.

Step 5: Click on «New update request« button to start the update process.

Hints: If the field "Update available" is empty, check the USB stick and reload the page.

Overview	Messages	Status 🕶	Settings -	Help
Update				
Update re	quest			No request
Update st	atus			Idle
Software	version			2.0.17-dev
Updates a	vallable			/var/volatile/tmp/mount/mediastoresda1/UPDATE_FILES/000306030001/HongKong_2_0_17/cmr-image-avbos- eval_avbos-6.3.3_cmr-2.0.17-imx6q-lw-cm-r19-v4-2g-eu.swu 2.0.17
New upd	ate request			

Update status will change to: "Update in progress"

Step 6: After some time, the colored LEDs turn off, only the green LED should light up – then it starts to blink (device is rebooting). This booting process will takes some minutes. Please wait until the colored LEDs blink.

Step 7: New login to admin wifi is required (see Step 4).

To verify that the software update has run successfully, please continue with chapter 3.

3. Software Update validation

Click on the status \rightarrow Device information \rightarrow Software version

You can now check the SW version against the version on the download server.

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4. Don'ts during SW-Update

- ✓ Don't switch off the power supply during SW-Update
- ✓ Don't remove the USB stick during SW-Update

5. Appendix How to set up a hidden network on a Linux PC

Hints: Other operating systems such as Windows, Android, iOS, etc have different methods to do so.

Step 1: When the »WLAN User« is visible in the list of available networks, click on »Configure network connections«



Step 2: Click on »Add network«, which is usually symbolized by a »+« sign:

S (onnections — System Settings Module	? ~ ^ 🔇
Edit your Network Con	nections	
Last used on 15.12.20 Telekom-ac1ce8 Last used on 10.12.20	Restrict to d	levice: enp1s0 (38:22:E2
DIGI-q4Ck Never used	Allow auto-negoti	MTU:
Nono Never used		
Telekom-fd1b88 Never used		
Never used VPN (strongswan)		
Never used	-	
🛱 Help 🖒 Reset 🕞	Defaults 🗸 OK	✓ Apply S Cancel

Step 3: Set up the network using the SSID "WLAN Admin" on the device label. Do not forget to click on »Hidden network«!

New Connection	802-11-wireless	i) — System Sei	ttings Module	:? ~ ^ 😣
Connection name: Bos	sch Router admi	n XXXXX		
General configuration	Wi-Fi	Wi-Fi Security	IPv4	IPv6
SSID:	Bosch Router	admin XXXXX		< ≥
Mode:	Infrastructure	~		
BSSID:				~
Restrict to device:				~
Cloned MAC address:				Random
MTU:			A	utomatic 🗘
Visibility:	📕 Hidden netv	work		
		Ĵ	à	

Step 4: Switch to the "Wi-Fi security" tab and select "WPA/WPA2 Personal" from the dropdown list. Enter the password »Password admin« from the device label.

Hints: By clicking on the "eye symbol" you can see the characters instead of the black dots so you can check for typing errors. You can also set as "Automatic".

onnection na	ame: Bosch Router a	dmin XXXXXX			Connection name:	Bosch Router	admin XXXXX		
General con	figuration Wi-Fi	Wi-Fi Security	IPv4	IPv6	General configura	tion Wi-Fi	Wi-Fi Security	IPv4	IPv6
Security: 🔽	/PA/WPA2 Personal			~	Metho	d: Automatic			
Password:	•••••	•••••	h.	T	Other DNS Server	s:			
	🖺 Store password fo	or this user only (en	crypted)	~	Search Domain	s:			
					DHCP Client II	D:			
					Address	Netmask	Gateway		+ Add
	6								- Remov
					IPv4 is require	d for this conne	ection		
									Routes