



# BOSCH CCS 1000 D Digital Discussion System User Manual

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# BOSCH

**BOSCH CCS 1000 D Digital Discussion System**



## History

Release	Release Date	Release Comments
1.73.1930	2021-01-29	Improvements: <ul style="list-style-type: none"><li>· Firmware upgrade of control units which are supplied from factory with 1.70 or 1.72 fails. Please read paragraph <a href="#">3.1</a> for more information.</li></ul>
1.72.1917	2020-12-09	Improvements: <ul style="list-style-type: none"><li>· Camera control does not function properly after disconnecting and reconnecting power supply to CCSD-CURD.</li></ul>

1.70.1816	2020-07-2	<ul style="list-style-type: none"> <li>Fixed: issues when using an iPad and Safari. Please upgrade iPad to iOS 13.3 or later.</li> <li>Fixed: issues with volume control icon on the browser.</li> <li>Added: Traditional Chinese as web browser language.</li> <li>Added: possibility to download Open Source Software license from info-page.</li> <li>Added: First time connection via network requires identification via the front panel for security purposes when there was no password configured for the admin user.</li> <li>Added: Support of Lumens VC-A61P camera.</li> <li>Added: Support of Sony BRC-X400 camera. Disable Security \ Referer check</li> <li>Added: Support of Panasonic AW-UE150 camera.</li> <li>Fixed: CCS1000D admin-password is automatically entered for ONVIF cameras which causes a camera disconnection.</li> </ul>
1.62.1429	2019-01-11	<ul style="list-style-type: none"> <li>DCNM-15720, DCMN-15723, DCMN-15730 Fixed camera connection issues</li> </ul>
1.61.1393	2018-11-14	<ul style="list-style-type: none"> <li>Fixed: quality of recorded audio</li> <li>DCNM-14306 Added 6 DDI's can be connected</li> </ul>
1.60.1347	2018-09-13	<ul style="list-style-type: none"> <li>Extended Support for Onvif compatible cameras with username &amp; password</li> <li>Extended: Support for Sony IP cameras via CGI commands for 300/360 series: Sony SRG-300SE/301SE and SRG-360SHE</li> <li>Extended: Support for Panasonic IP cameras via CGI protocol (HDD Integrated Camera Interface Specifications 1.06): AW-HE40, AW-HE50, AW-HE60, AW-HE120, AW- HE130, AW-UE70</li> <li>Fixed: Configuration issues in combination with iPad with iOS 11.3</li> <li>Fixed: TvOne connection errors are logged when Kramer is connected and the other way around</li> <li>Extended: Support for TV One Corio Matrix card: HDMI 4K 1-out</li> </ul>

1.50		<ul style="list-style-type: none"> <li>Not commercially released</li> </ul>
1.40		<ul style="list-style-type: none"> <li>Not commercially released</li> </ul>
1.3.956	2017-03-28	<ul style="list-style-type: none"> <li>Firmware upgrade keeps user accounts</li> <li>Don't downgrade firmware V1.3 to V1.2</li> </ul>
1.2.621	2015-11-26	<ul style="list-style-type: none"> <li>Added separate Loudspeaker and PA control in the audio settings</li> <li>Added new AFS functionality</li> </ul>

Release	Release Date	Release Comments
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20150918.560	2015-09-12	<ul style="list-style-type: none"> <li>· Added Application Program Interface (API):</li> <li>· Configure third party Pan Tilt Zoom camera systems, other than the Bosch HD Conference Dome</li> <li>· Use web-casting and recorder solutions which require microphone information</li> <li>· Create a synoptic lay out for microphone management</li> <li>· Possibility to alter individual microphone sensitivity</li> <li>· Added turn-off Loudspeaker active when microphone is on</li> <li>· Standby mode</li> <li>· Interruption microphone support</li> <li>· Added multiple users in the web browser</li> <li>· Added continuous audio file recording</li> <li>· Improvement behavior Auto mic off after 30 seconds</li> <li>· Improvement, touch buttons sensitivity control unit</li> <li>· Kramer MV-6 and TV-One CORIOmaster mini supported</li> <li>· Changed login username after software upgrade</li> </ul>
1287	2014-12-05	<ul style="list-style-type: none"> <li>· Initial version</li> </ul>

## GUI languages

	ar	cz	de	en	es	fr	fi	gr	hu	id	it	ja	ko	nl	pl	pt	pt-BR	ru	th	tr	vi	zh-CN	tw-CN
Web	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

## Upgrade software

Immediately upgrade the software of the CCS 1000 D Discussion System to the latest version. Not upgrading the software might result in undesired system behavior.

**To upgrade the software, please follow the instructions below:**

**First time installation of the system**

1. Install the Control Unit according to the instructions in the Operation manual.

2. Access the Control Unit via the web browser. Please read the First use configuration paragraph in the Operation manual.
3. Go to the Upgrade page in the web browser, as described in the Operation manual.

#### **Download the latest software version**

4. Download the latest software version at: <https://licensing.boschsecurity.com/software>
5. Extract the zip-file on your local computer.
6. Read the release notes of the latest software version.

Follow the instructions in the Operation manual.

#### **Cannot upgrade Control unit with 1.70 or 1.72 software**

##### **Issue:**

Firmware upgrade of Control units which are supplied from factory with 1.70 or 1.72 fails.

##### **Solution:**

1. Download the latest software from: <https://licensing.boschsecurity.com/software>
2. Download the CCSD-CU-enable-upgrade-1.70-1.72.bin to enable the upgrading of the control unit.
3. Login to the Control unit and go to the Upgrade page
4. Upgrade the Control unit with:  
CCSD-CU-enable-upgrade-1.70-1.72.bin
5. Upgrade the Control unit with the latest software you downloaded in step 1: CCSD-CU-upgrade.bin

#### **Known issues**

##### **Manage recorder page becomes slow after many recordings**

##### **Issue:**

When there are a lot of recordings stored loading the Manage recorder page loads slower since information about all these recordings needs to be loaded.

##### **Solution:**

Delete redundant recordings to decrease the loading time of the Manage recorder page.

##### **ONVIF camera authentications are not shown in the web browser**

##### **Issue:**

ONVIF camera authentication e.g. user name and password changes are not reflected immediately on camera settings page when you enable/disable the authentication settings in the ONVIF camera.

##### **Solution:**

Reboot the camera or reboot the CU.

##### **Sony or Panasonic in disconnected state**

##### **Issue:**

Sony or Panasonic camera is showing the trash icon when changing the network settings of the CU are changed from receive IP address automatically to fixed IP address or vice versa.

##### **Solution:**

Reboot the CU.

## **Sony SRG-300SE is seen as fixed camera**

### **Issue:**

Sony SRG-300SE is seen as fixed camera after upgrading to 1.7 software.

To support the new Sony cameras like the BRC-X400 the supported authentication method is changed from Basic authentication to Digest authentication in version 1.7.

### **Solution:**

1. Change the authentication mode of the Sony camera from Basic authentication to Digest authentication via the web browser of the camera.
2. Delete the camera from the configuration.
3. Add the Sony camera to the configuration.
4. Assign the seats to the Sony camera again.

## **Audio may be interrupted when changing the configuration**

The following changes in the configuration may interrupt the audio:

- Changing the individual microphone outputs
- Changing the recorder setting

## **Recording stops when connecting USB cable to the CU**

An active recording stops when the CU is connected to a PC via a USB cable. Any new recording cannot be started while the CU is connected to the PC.

## **Error bar during login**

User with 'Only manage' rights gets an error bar during logging.

## **Disabled home/back button**

### **Issue:**

When saving the change in the 'date and time settings' the Home and Back icons in the bottom bar are disabled.

### **Solution:**

Clicking on 'Change date and time settings' again and selecting Cancel.

## **Downgrade error**

### **Issue:**

When downgrading from V1.3 to V1.2, login to the web interface fails. Resulting in error 500 with no possibility to go back to V1.3.

### **Solution:**

Don't downgrade to 1.2 software or lower.

## **System is not clean after downgrade to previous version and reset to factory defaults**

If you want to downgrade to 1.3 and reset to defaults, follow the following procedure.

1. Execute a reset to defaults in version 1.6 or later
2. Afterwards downgrade to 1.3
3. Now you are able to execute a reset to factory defaults.

## **How to connect a wireless device and IP cameras**

The CCSD-CUxx, all cameras and the video switcher are connected to a layer 2 switch. A separate wireless access point is connected to the layer 2 switch to enable a wireless tablet for controlling the system.

### **General**

The Ethernet port is intended to connect the Control PC, IP cameras and other equipment which is solely used to operate the CCS 1000 D Digital Discussion System.

## **Switch microphone off when not used**

Switch microphone off when not used for 30 seconds does not work when:

1. Voice mode or PTT mode is selected
2. The device is in chairperson mode
3. The microphone was switched on before this setting was enabled, these devices are excluded until they are switched off and on again
4. Less than 3 devices with an inactive microphone
5. In open mode, auto shift disabled and "allow speakers to switch off their microphone" disabled

## **Using the hostname to connect to the CCSD-CUxx on a Windows PC**

To be able to connect to the CCSD-CUxx using the hostname instead of the IP in the web browser, Bosch DNS-SD or Apple Bonjour needs to be installed on the PC.

Using the hostname instead of the IP will not work on Android devices.

Use <https://licensing.boschsecurity.com/software>

The hostname can be changed in the web-page under System Settings -> General and network settings. The default hostname is ccs1000d.

## **Login after software upgrade**

The default Username for the latest software version is 'admin'. – the Password does not have to be filled in.

Note: if you are upgrading the software from a previous version of which the default Username is 'Technician', after the upgrade the Username will be set to 'admin'.

## **Movable camera is discovered as fixed camera**

Camera is discovered as a fixed camera or the serial number is not displayed.

### **Solution:**

Please enter the correct username and password to make certain that it is properly connected to the system.

## **Network settings when changing hostname**

When changing the hostname or (de)activating the fixed IP address in the web browser interface, the laptop/PC might lose the connection with the Control Unit. If this happens, close and then re-open the web browser interface.



## Empty the browser cache after upgrade

After upgrading the software, the browser cache (or browser history) should be cleared so new functionality in the web browser can be shown.

## Additional Information (not included in manuals)

## 6 Supported cameras and switchers

### Supported cameras

- Supported cameras CCS1000D
- ONVIF Profile-S
- Avonic AV-CM70-IP, Avonic AV-CM71-IP, Avonic AV-CM73-IP
- Lumens VC-A61P, Lumens VC-A71P 1.70
- Username & Password authentication
- Bosch IP 4000, Bosch IP 5000
- Lumens VC-A50P
- Avonic AV-CM40-IP 1.60
- Bosch VCD-811 1.00
- Sony CGI commands
- BRC-X400, SRG-X400, SRG-X120 1.70
- Sony SRG-300SE/301SE, SRG-360SHE 1.60
- Panasonic HD Integrated Camera Interface Specifications
- AW-UE150 1.70
- AW-HE40, AW-HE50, AW-HE60, AW-UE70, AW-HE120, AW-HE130 1.60

### Supported video switchers

- Supported video switchers CCS1000D
- TV One Corio Matrix card: HDMI 4K 1-out 1.40
- TV One CORIOMatrix 1.10
- Kramer MV-6 video switch 1.00

### Connecting to TV-one Corio matrix mini (model C3-310)

The system can autonomic control the TV-one Corio matrix mini (model C3-310) to let it operate as an HD-SDI switcher. This enables the automatic routing of the images from different cameras to a single video output, that can be used for displaying, recording and/or webcasting applications.

### To make this working you need to:


1. Enter the IP-address of the Corio matrix mini in the SDI Switcher field of the camera settings page
2. Check if the following username & password is available on the Corio matrix mini
  - **username:** user1
  - **password:** user1pw

(this is by default configured)

### Regarding the inputs and outputs:

- Up to 6 inputs can be used for cameras, input 1 to input 6. Input 1 is the input with the lowest slot number and the lowest input number. So make certain that your SDI-input card is inserted in a slot with a lower number than input cards with other inputs.
- The video is routed to the output with the lowest slot number and lowest output number.

### Documents / Resources

	<p><a href="#">BOSCH CCS 1000 D Digital Discussion System</a> [pdf] User Manual CCS 1000 D, Digital Discussion System</p>
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### References

-  [Bosch Security Systems: Security and communication you can rely on.](#)
-  [licensing.boschsecurity.com/software/CCS1000D/CCSD-CU-enable-upgrade-1.70-1.72.bin](https://licensing.boschsecurity.com/software/CCS1000D/CCSD-CU-enable-upgrade-1.70-1.72.bin)