

RADVISION SCOPIA VC240 version 2.0.1.7 Release Notes

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This document contains information about the SCOPIA VC240 Release version 2.0.1.7.

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1. Introduction

The RADVISION SCOPIA VC240 is a 24-inch, jointly-developed RADVISION/Samsung widescreen LCD, providing an elegant All-In-One HD desktop video conferencing system. It is seamlessly integrated with RADVISION's SCOPIA family of products. Version 2.0.1.7 is a new version offering a wide range of new features.

Versioning of SCOPIA VC240

SCOPIA VC240 comes with two version numbers: OSD and VCM. The OSD represents the version number of the application, while the VCM represents the version number of the video conferencing module. The reference version number used by RADVISION for support purposes is the VCM version number.

Component	Version number
OSD	1003.10
VCM	2.0.1.7

What's new in this version

This version offers various new features, most notably:

- Support for H.239 in H.323 video calls using the H.264 codec, enabling the use of dual video. To use this feature, make sure that your PC is set up to one of the following settings:

- ❑ 640x480 / 60 Hz
- ❑ 800x600 / 60 Hz
- ❑ 1024x768 / 60 Hz
- ❑ 1920x1080 / 60 Hz

Dial a video call to an endpoint or MCU that supports H.239 using H.264. Prepare the PC content you would like to share and press the PRESENTATION button on the remote control. The blue square in the top right corner of the screen indicates that your PC screen appears on the remote side. When you want to stop sharing your PC screen, press the PRESENTATION button again. There is no need for additional licensing to use the H.239 dual video capability in the version 2.0 release.

- Support for the H.263 video codec, which brings interoperability with legacy video conferencing products in the market.
- iVIEW Suite support for the following: SW upgrade, Configuration, Monitoring and Phone Book download.
 - ❑ Make sure you have the required file configuration, which differs from the TFTP upgrade file configuration.
 - ❑ The iVIEW SW upgrade should be used in good network conditions, with minimal loss.
- Audio G.711 & G.729 support, improved AGC response and AEC handling.
- H.264 Scalable Video Coding (SVC) has been introduced in this version. Use Call Control to enable it. It is recommended to use this feature only in case of unmanaged network conditions.
- Simplified Chinese language was added in this version.
- GUI indications as a result of remote control actions, such as Mute Microphone and Mute Speaker, now appear in the top right corner of the screen.
- IOT of VC240 with SCOPIA XT1000—the recommended configuration for using the internal XT1000 MCU4, is: XT1000 with enabled to minimum 4Mbps and VC240 enabled with 1Mbps. For the full IOT document, see the relevant file.
- This version allows logs to be collected from the system. For information about collecting and downloading logs, refer to RVSN customer support.

For further information about SCOPIA VC240 features, please consult the Datasheet that is available on RADVISION's Website.

2. Installing the Version

For installing version 2.0.1.7, please refer to your support representative to get the FTP link for downloading the version. There are two ways to install VC240 or to upgrade VC240 from the existing version or an older one to version 2.0.1.7. You can:

- Use iVIEW version 7.1.2. 0.22.
- Use the TFTP server procedure.

Note Please refer to your support representative for instructions.

Note The SW upgrade procedure requires VC240 to be restarted first. This requirement will be removed in next version.

Note VC240 units with SW version 1001.13 and older should upgrade (TFTP) first to 1.0.2.8 before upgrading to version 2.0.1.7.

3. Known Issues

Listed below are known issues of the SCOPIA VC240 V 2.0.1.7 release. Unless stated otherwise, known issues are planned to be fixed in a future release.

Upgrade Procedure Issues

#	Description
79783	Upgrading VC240 requires you to perform a manual restart first.
79780	iVIEW and TFTP SW upgrade procedures should be used in good network conditions with minimal packet loss. Hence, using these SW upgrade procedures over the internet for VC240 units upgrades is not recommended.

Interoperability Issues

#	Description
79656	Presentation issue with Polycom RMX 2000 MCU and EP HDX4000. VC240 can have an H.239 session with RMX 2000 and HDX 4000. Problems may occur with concurrent calls and additional sending attempts.
77962	Only the H.263 codec works with Polycom MGC. In its default mode, where MGC uses H.264, when a call is established with Polycom MGC there is no Video (black screen) on the VC240 side.
79727	Audio cuts may be experienced with Tandberg 1000 old versions. The reason is that packet time of the Audio codec ("ptime" parameter) is too high. The default value of this parameter should be 20. To overcome please contact your support representative.
79350	Audio issues with the Polycom VSX 7000/8000. When establishing a call with the Polycom VSX 7000/8000, you may experience Audio cuts on the VC240 side.
78768	SIP calls to Polycom VVX 1500: Video is not shown in Polycom.
79739	Video scaling issue with Polycom HDX / LifeSize while using BW 512Kbps and below.
79477	VC240 called by Polycom VSX 8000 on 768K—VC240 is configured to 1920K sharpness causes VC240 to send freeze Video. To recover, restart VC240.

Audio Issues

#	Description
78609	When a headset is used, an external microphone should be used as well. Not following this instruction may cause echo issues.
79999	Following upgrade from production version 1001.31 to V 2.0 audio could heard very low on remote side. To recover please downgrade to V 1.0.2.8 and re-upgrade to V 2.0.1.7.

Video Issues

#	Description
76249	In case VC240 is operated in low light conditions, the system will transmit reduced frame rate and video bandwidth. Please make sure VC240 is operated in considerable lighting conditions.
78737	Presentation is not displayed in SCOPIA VC240 if the presentation is started simultaneously on both sides in point-to-point calls.
78991	Dual video is not working with WXVGA resolution with 1280x720—this resolution is not recognized by the VC240 screen. Please use supported resolutions as listed in What's new in this version

Call Signaling and Call Statistics Issues

#	Description
75889	SIP authorization uses previous information. When changing the username in the SIP settings, the previous username is used for the Authorization procedure. When using SIP with Authorization in front of the REGISTRAR, the user should reboot the system after changing the username.
76901	SIP display name limitation. The SIP Display Name parameter is limited to 16 characters.
76580	No sound indication is played in case of an incoming call when AutoAnswer is on. In the automatic answer mode, there is no voice indication to the user about an incoming call.

#	Description
76738	No sound indication is played when the DTMF digit is sent.
77392	Changing "Do Not Disturb" settings may cause a reboot. When the "Do Not Disturb" configuration parameter is turned off immediately after a call was rejected, the VC240 sometimes reboots.
79594+79735	VC240 requires a system restart on rare occasions. In rare cases, VC240 may enter into a state where new calls cannot be created. The reason for this is that a previous call was not disconnected properly. For recovery, VC240 should be restarted.

Management Issues

#	Description
75199	Connecting the Ethernet cable wrongly causes network malfunctions. When connecting both Ethernet cables on SCOPIA VC240 to the same switch, the network malfunctions. The user should refrain from doing this, as the built-in switch in VC240 is not designed for such a scenario: one of the cables needs to go into the Ethernet switch while the other needs to be connected to a PC.

Network Issues

#	Description
77365	Users could not set VC240 Port configuration.
77365	Switch which is used with VC240 should be configured to automatic negotiation. VC240 will experience video freezes when connected to a switch at 100 Mbps Full Duplex.
79692	VC240 internal network switch stops working when the unit is in standby or soft reset.
79781	TOS bit is not sent as configured.

4. Bug Fixes

The list below indicates known bugs that were fixed in this release.

#	Description
79159	Poor quality video shown on VC240 during calls with Polycom HDX4000.
79028	IOT with Polycom RMX MCU: presentation fails to start.
78710	Audio distortion when VC240 performs "Mute/UnMute" call via Codian MCU.
76778	During Polycom HDX9002 calls to VC240, VC240 receives wrong resolution.
78767	No audio & video during call when using G.729 audio codec.

#	Description
79611	VC240 crashes when Tandberg C20 performs presentation start/stop couple of times.
79611	Tandberg C20 gets stuck after sending presentation to VC240.
78391	Video artifacts when in a call with Tandberg 1000.
79577	Caller/Callee info displayed as Unknown during a call.
78115	System allows starting a presentation from VC240 without a PC being connected.
79004	VC240 cannot work with Scopia 5.7 MCU when using 384Kbps video bandwidth for H.323 calls.
75906	Unsatisfactory video quality when VC240 joins RADVISION SCOPIA Elite Conference.
77544	Video drift when connecting to VC240 via RADVISION SCOPIA 100 MCU version 5.7.
77468	Echo when using high audio volume. Users may experience acoustic echo when VC240 is set to highest speaker volume level (100) and very loud voices are captured by the VC240 microphones. Reducing the volume level will solve the problem.
78721	Send Presentation will not work after changing Call Quality parameters.
78687	Low volume in calls with G.711A codec.
78150	Low volume in calls with G.711A codec.
79129	Configuring DNS server via GUI causes VC240 to get stuck and enter into an infinite loop of resets.
78226	A lip sync problem is seen on VC240 when placing an H.323 video call from Tandberg MXP 1700.
79174	VC240 becomes unstable when the PC screen resolution is changed to an unsupported resolution during a presentation.
76108	An invalid IP address, such as 1.1.1.300, can be entered for the TFTP server.
75906	Video improves when VC240 joins a conference with Dora.