BRC-X400/X401
SRG-X400/X402/201M2
SRG-X120/HD1M2

Release Note

Ver. 3.00

2021/05/31

Sony Corporation

Revision history

#	Release date	Version	Major revision and comment
1	2019/09/27	1.00	Initial release
2	2020/03/13	2.00	SRG-X402 initial release Newly Added Function Specification change
3	2020/07/03	2.04	Bug Fix
4	2020/08/19	2.10	Newly added function (BRC-X400) Security improvement
5	2021/05/31	3.00	Newly added function Security improvement Bug Fix

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1. About this Release Version

1.1 General

This release version is 3.00.

Target model: BRC-X400/X401, SRG-X400/X402/201M2/X120/HD1M2

1.2 Software version upgrade method

Please upgrade firmware with following step.

1. Start a web browser on your PC and enter the IP address of the camera in the address bar.
2. Enter administrator name and password, and display Administrator menu.
3. Select [Initialize] tab in [System] menu.
4. Click [Choose file] button of [Firmware upgrade] to select the firmware update file.
5. [Start update?] dialog box will appear, then click [OK] button in it.
6. Upgrade process will be done, and the camera will start again with new firmware.

- It takes approximately 10 minutes to upgrade the firmware. The POWER lamp blinks in green during the firmware upgrade. When finishing upgrading, the POWER lamp lights in green.
- To confirm the version after upgrading firmware, please press the “Reload” button displayed in [Initialize] tab instead of reload function of web browser. You can access the camera after 30 seconds from the POWER lamp lights up in green.
- An error may be displayed on the web browser when you access camera while the upgrading is in progress.
- After upgrading, clear your cache of browser before access again. Otherwise, administrator menu may not be displayed correctly.

2. Additional Function

2.1. Functions added in Ver. 3.00

- The following functions were supported.
  - Real Time Messaging Protocol (RTMP/RTMPS)
  - Secure Reliable Transport (SRT)

2.2. Functions added in Ver. 2.10

- Camera tracking data output for VR/AR system (free-d protocol) is supported.
  Target model: BRC-X400/X401

2.3. Functions added in Ver. 2.04

- none

2.4. Functions added in Ver. 2.00

- The following model was supported.
  SRG-X402
- PTZ TRACE function was supported.
  Target model: BRC-X400/X401
- PTZ Motion Sync function was supported.
- 4K optional license function was supported.
  Target model: SRG-X400/X402/201M2/X120/HD1M2
- Picture Setting File function was supported.
- Auto ICR (Auto mode of IR Cut filter Removal) function was supported.
- Hide OSD Menu function was supported.
- Remote Video Format Switching function was supported.
- Color Bar Overlay Name function was supported.
  Target model: BRC-X400/X401
- Standby Mode function was supported.
- Remote Standby function was supported.
- French, Spanish, German, Italian, Traditional Chinese, Korean, Portuguese, Russian, Polish, Hindi, Vietnamese, Thai and Turkish were added to the Live viewer and the Administrator setting menu.
- macOS was added to use Live viewer or Administrator menu using Web browser.

3. Specification Change

3.1. Specifications changed in Ver. 3.00

- The security has been enhanced.
- The initial password cannot be set again as the administrator password.

3.2. Specifications changed in Ver. 2.10

- The security has been strengthened and the default setting of SYN flood protection has been turned ON. After the upgrade, it remains OFF, but it will be turned ON by setting the factory reset. If there is a problem with the operation, turn off the V4SynFloodProtection and V6SynFloodProtection settings with the CGI command.
- PAN TILT SLOW setting gets working when controlling camera with IR remote

3.3. Specifications changed in Ver. 2.04

- none.

3.4. Specifications changed in Ver. 2.00

- The security has been enhanced.
- The start timing of focus movement in preset recall function was changed. The focus transition will start with Pan, Tilt and Zoom movement.
- The method of managing number of video and audio streaming RTSP session was changed. Up to 5 video and audio RTSP streaming can be used concurrently.
- The transition of zoom between OPTICAL ZOOM field and CLEAR IMAGE ZOOM field was enhanced.
  Target model: BRC-X400/401, SRG-X400/X402/201M2
- Maneuverability of changing iris setting in relative mode via Remote Control Panel (RCP) was enhanced.
  Target model: BRC-X400/X401

4. Corrected Problems

4.1. Problems corrected in Ver. 3.00

- The camera hangs up when changing settings via network while the STATUS menu is displayed on the On-Screen Menu.

4.2. Problems corrected in Ver. 2.10

- The camera rarely fails to turn on just after signal format is changed.
- When PAN TILT SLOW setting is changed via Web UI while PTZ TRACE is recording/playing, the camera cannot be controlled via Web UI.
- When the camera is on the playback start position of PTZ TRACE and PRESET MODE setting is changed to MODE1 from TRACE, preset position recall cannot move correctly

4.3. Problems corrected in Ver. 2.04

- Fixed an issue where the camera could not start when connected to some PoE+ powered switching hubs