

Release Notes

Model: PTC-285/PTC-285T/PTC-285NDI

Jun.05, 2024

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.54/ARM: V7.0.44AF: V2.5.03**
 - **File name: VX12DBA_A7.D_V1.1.54_24M_20240417.img**

Issues

1. Solved the issue of using DVIP tool, select Default machine and then MAC Address will be changed.
2. Added the setting for auto tracking start preset position, the query command is "81 09 7E 0A 04 4F 02 00 02 FF".
3. Added PID for PTC-285NDI.
4. Solved the problem of blurring the screen when auto-tracking is turned on and the character moves back and forth.
5. NTP is on by default, no overlapping of subtitles.
6. Solved the problem of using DVIP's software to reset the IP (back to default IP) does not work.
7. Solved the issue that the RTSP second stream cannot be played on the RMC-300A keyboard.
8. Changed the OSD reminder for doing the firmware update procedure in traditional Chinese OSD menu without inserting the USB flash drive from "No USB flash drive inserted or turn off the USB firmware update switch" to "No USB flash drive detected! Please insert the USB flash drive! Or turn off the USB firmware update switch".
9. Solved the problem that the resolution will go back to 1080P30 and the OSD language will go back to English after updating the Firmware.
10. Modified the ONVIF certificate information: Brand: Datavideo Technologies Co., Ltd. Model: PTC-285 (This depends on the model.)
11. Solved the problem that when the Tally lamp mode is red/green, the green lamp command is issued first, and then the red lamp command 81 01 7E 01 0A 0002 FF is issued, then the red and green lamps are lit at the same time.
12. Modified the way the Tally light blinks when it is plugged in: self-test blinks red, finish self-test blinks green, and stops blinking until the image appears soon.
13. Changed the image UI setting parameters to be effective automatically and the button for the application is removed.
14. Changed custom character size value from 50 to 80.
15. Modified the way the character's position is on the left and on the right.
16. Changed AI auto-tracking to AT auto-tracking in traditional Chinese.
17. Solved the problem that the position of the setup box is wrong when the resolution of the computer is

1280 or 1366.

18. Solved the problem of not being able to log in properly after zooming the WEB login page.

Jan.26, 2024

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.51/ARM: V7.0.42/AF: V2.4.98**
 - **File name: VX12DBA_A7.D_V1.1.51_24M_20240110.img**

Issues

1. Fixed the issue that sometimes there is a rebooting issue after updating the firmware.
 2. Modified the control command of the Tally light, if the Tally Mode is set in Red/Green and the red Tally light is lit, when the camera is controlled to be lit in green, the red tally light will be turned off. If the green tally light is lit, when the camera is controlled to be lit in red, the green tally light will be turned off.
 3. Fixed the issue that the fast and slow commands for the auto-tracking are reversed.
 4. Added the tracking reminder, open Query Command Return Value 01.
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Dec.14, 2023

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.44/ARM: V7.0.37/AF: V2.4.73**
 - **File name: VX12DBA_A7.D_V1.1.44_24M_20231123.img**

Issues

1. The PTC-285 series cameras including PTC-285, PTC-285T and PTC-285NDI are ONVIF certified.
2. Added ONVIF audio certification option (G711) for the Web UI.
3. Fixed the issue that the RTSP can be streamed even when the stream option in the Web UI is turned off.
4. Fixed the issue that when the resolution is changed and applied. After switching to the preview interface, the camera will reboot automatically.
5. Added the reminder on the top-left corner when the screen is frozen during the firmware update procedure through the Web UI.
6. Fixed the issue that when switching the encoding protocol in a real-time basis, the SRT stream can not be done and the camera must be rebooted to resume the SRT stream function.
7. Fixed the issue that when ONVIF is turned on, the no screen issue will happen when pulling stream by the ODM.
8. Fixed the issue that when the brightness is modified from the Web UI, the new setting can not be saved after rebooting the camera.
9. The virtual joystick function is optimized to add four direction buttons including up, down, left and right. The panning, tilting and zooming of the camera can be controlled by clicking those buttons.

10. Fixed the size of the auto-tracking human figure and there is no reminder for different genders.
 11. Fixed the no-picture issue for the MacOS.
 12. Fixed the stream interruption issue for the DVIP and long delay time issue when testing by the small tool.
 13. The initial preset positions for Web UI's auto-tracking is 1-254(except 90-99).
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Sept.20, 2023

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.40/ARM: V7.0.30/AF: V2.4.30**
 - **File name: VX12DBA_A7.D_V1.1.40_24M_20230829.img**

Issues

1. Fixed the issue that the stream will be 30FPS when the RTSP 1080 60FPS/10mbps/VER is decoded by the VLC.
 2. Added dynamic image modification function for the Web UI.
 3. Fixed the issue that when the stream protocol is set as Multicast, the icon which is shown on the top-right corner will be UDP.
 4. Fixed the issue that the AF icon of the Web UI can not be shown.
 5. Improved the translation issue of the Traditional Chinese for the Web UI.
 6. Added the new Time Zone GMT +05:30.
 7. Improved the VISCA Command abnormal issue for the default value and the initial position for starting the tracking for the human frame.
 8. Removed the "Region Tracking" Mode for the OSD Menu.
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Jun.27, 2023

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.37/ARM: V7.0.24/AF: V2.4.30**
 - **File name: VX12DBA_A7.D_V1.1.37_24M_20230606.img**

Issues

1. The IRIS value adjustment will be correlated with the GAIN value in the Manual Exposure Mode.
2. Added NDIHX2 option for the NDI default.
3. The Russian option is removed from the menu.
4. 50/60Hz will correspond to different shutter values.
5. Fixed the issue that the PTC-285 image will be filled with noises at the same Exposure settings such as "F11, 1/60, GAIN: 22".
6. Add corresponding shutter values for different video formats.
7. Fixed the issue that the adjustment does not work for the IRIS F2.8, F2.4, F2.0 and F1.8.

8. Improved the Auto-Tracking efficacy.
 9. Added AI VISCA commands including "Switching between Full Body, Half Body and Close-UP when doing the human-tracking" and "Switching between different tracking modes".
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Apr.10, 2023

PTC-285/PTC-285T/PTC-285NDI Firmware

- **Version: FW: V1.1.28/ARM: V7.0.19/AF: V2.4.30**
 - **File name: VX12DBA_A7.D_V1.1.28_24M_20230328.img**

Issues

1. Fixed the issue that it seems that the speed is not saved by the preset position of PTZ View Assist to fit different preset speeds of different controllers for customers.
 2. Fixed the issue that when the auto-tracking switch is modified from the web UI, the DVIP command for turning on or turning off the auto-tracking function can not be used normally.
 3. Supported the function for switching between half body, full body and closeup when using the human-tracking function.
 4. The AF is enhanced for focusing in tracking mode.
 5. The ISP fixed the over-exposure issue for a special scene in which there is a white area at the center, a human is standing in front of that white area, and the background is darker.
 6. Added the function for saving the R/B Gain in One-Push white balance mode when setting the preset.
 7. Added the tracking option in OSD menu.
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Mar.01, 2023

PTC-285/PTC-285T Firmware

- **Version: FW: V1.1.22/ARM: V7.0.15/AF: V2.4.25**
 - **File name: VX12DBA_A7.D_V1.1.22_24M_20230204.img**

Issues

1. Fixed the issue that the curve and iris calibration can not be done by VISCA commands via the network.
2. Fixed the issue that it is possible that the firmware update will be failed if it is done by a USB flash drive.
3. Fixed the issue that the device will reboot repeatedly if the Encode Protocols of the first stream and second stream are set in H.265.
4. Fixed the issue that it is possible that there is no audio output.
5. Added two bytes for the DVIP return code to represent the length.
6. Fixed the issue that the green frame will not be shown when turning on the tracking function in Multi-Person scene.
7. Fixed the issue that when the static IP address is set by the DVIP configuration tool, the Gateway will be empty

Oct.04, 2022

PTC-285/PTC-285T Firmware

- **Version: FW: V1.1.09/ARM: V7.0.09/AF: V2.4.15**
 - **File name: VX12DBA_A7.V_V1.1.09_24M_20220916**

Issues

1. Initial release.
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