

Release Notes

Model: RMC-180

Date: 2016/12/13

File name: RMC180_PTC150_USB0v7_1v6.bin

Firmware version: 1.6

Description:

1. Bug Fix: Incorrect display of focus, white balance and speed after switching camera channels.
2. Modified manual focus to adjust sensitivity.

Version 1.6 works with the following PTC-150 firmware:

MB CPU V1.42

MB FPGA V019

MCTL CPU V0.48

Date: 2015/6/24

File name: RMC180_PTC150_USB0v7_1v3.bin

Firmware version: 1.3

Description:

1. Corrected the issue of "Cannot change control channel".
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Date: 2015/6/9

File name:

RMC180_PTC150_USB0v7_1v2.bin

Upgrade_Boot0v6_1v0.bin

Firmware version: 1.2

Bootloader version: 1.0

Description:

1. RMC180_PTC150_USB0v7_1v2.bin: RMC-180 application firmware for PTC-150 (RS422) and USB.

a. Modify operation OSD Menu

- Encoder-Left as OSD select up/down
- Encoder-Right as OSD value inc/dec: CW. (Select up) / CCW. (Select down)
- Encoder-Left-PushButton as OSD Menu On/Off
- Encoder-Right-PushButton as OSD Menu Enter

- Right Encoder: CW. (Select up) / CCW. (Select down)
- b. Pan/Tilt direction sync to PTC-150.
- c. LCD backlight on (Camera is connecting) / off (Camera disconnected)
- d. Memory save mode:
The Memory-KEY (1/2/3/4) flashing after the STR_KEY is pressed.
Pressed Memory_KEY (1/2/3/4) to store current PTC-150 status.
Memory_KEYS are ON for 2 seconds.
Return to load mode.
- e. Added white balance push-auto & trigger to the WBAL. A key
- f. Added USB HID function to LCD menu.
- g. Added memory speed function to LCD menu.
- h. Improved encoder 1~5 direction detection.
- i. WBAL. A, B, ATW can be triggered after pressing.

2. Bootloader upgrade (Upgrade_Boot0v6_1v0.bin)

Use the USB firmware upgrade port to upgrade the bootloader firmware.

Corrected the issues of the bootloader v0.4 (application firmware cannot work)

Date: 2015/1/17

File name: RMC180_PTC150P_1v0.bin

Firmware version: 0.1

Description:

1. RMC-180 application firmware v1.0 for PTC-150.
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Date: 2014/7/10

File name: RMC180_USBBootloader_0v5.hex

Firmware version: v0.5

Description:

1. Machine crashed due to incorrect positions while entering Application mode.
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Date: 2014/5/27

File name: RMC180_1v7.bin

Firmware version: v1.7

Description:

1. Bug Fix: Part of the RMC-180 bootloader codes is old version (prior to v0.4) and cannot work after upgrading to Application Code version V1.6.

Date: 2014/5/22

File name: RMC180_1v6.bin

Firmware version: v1.6

Description:

1. Configure the joystick direction to four independent RS-422 control interfaces (This is to solve the operation issue of different positioning (normal/upside down) of more than two PTC-100 devices).

Configure direction of Joystick =>

1. Pressed MENU_BUTTON => Enter LCD Menu
2. MENU_Encoder to select the item of "FN03: Control Dir"
3. Pressed MENU_BUTTON => Enter the function

LCD display as follows:

"PAN TILT"

"NORMAL NORMAL"

4. Rotate left Encoder to setup PAN direction (REVERSE/NORMAL) under LCD Display.
5. Rotate right Encoder to setup TILT direction (REVERSE/NORMAL) under LCD Display.
6. Pressed MENU_BUTTON to save Pan and Tilt directions for the current camera port.

Date: 2013/8/13

File name: RMC180_1v5.bin

Firmware version: v1.5

Description:

1. Bug Fix: Fixed the issue of loud noise during panning by modifying the PTC-100 PAN speed selection (change of PAN steps).

Date: 2012/9/17

File name: RMC180_1v4.bin

Firmware version: v1.4

Description:

1. Only PTC-100 Camera is supported.
2. The LCD Menu function number starts from FN01.
3. Fixed the issue of the PTC-100 Firmware Version Get Function.
4. Fixed the issue of the PTC-100 Camera Information Get Function.
5. Bug Fix: Sometimes cannot control ZOOM while operating PAN/TILT/ZOOM at the same time.
6. Bug Fix: LCD MENU and button functions work only when Joystick is at its origin position.

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- 7. Bug Fix: Focus encoder direction does not function.
 - 8. Bug Fix: Iris encoder direction does not function.
 - 9. Bug Fix: In the LCD Menu mode, the user is able to press the Encoder Button at the bottom left of the LCD to exit this mode directly.
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