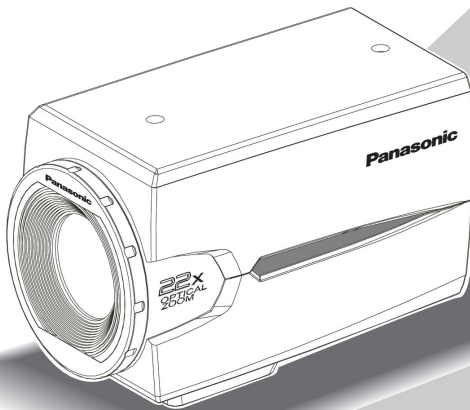


Panasonic

Operating Instructions

Color CCTV Camera

Model No. WV-CZ362E



Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

The model number is abbreviated in some descriptions in this manual.

ABOUT THE USER MANUAL

The operating instructions of the camera consist of 2 sets: these operating instructions (PDF) and Installaion Guide.

This document explains how to configure the settings of the camera.

Refer to the installation guide fo further information about how to install the camera.

Adobe® Reader® is required to read PDF. When the Adobe® Reader® is not installed on the PC, download the latest Adobe® Reader® from the Adobe web site and install it.

TRADEMARKS AND REGISTERED TRADEMARKS

Adobe and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

CONTENTS

ABOUT THE USER MANUAL	2
TRADEMARKS AND REGISTERED TRADEMARKS	2
SETUP MENU	4
SETTING PROCEDURE	6
■ Camera Setting	7
■ Preset Position Setting	15
■ Special Setting	18
■ Communication Setting	19
■ Password Lock Setting	20

SETUP MENU

Performing each setting item in the setup menu should be completed in advance to use this unit. Perform the settings for each item in accordance with the conditions of the camera shooting area. Refer to the Operating Instructions (PDF) for further information.

List of setup menu

Setup item	Description
CAMERA	Performs the camera operation settings.
CAMERA ID	This item specifies the camera title. The camera title that indicates the camera location and other information about the camera is created with alphanumeric characters and symbol, and displayed on the screen.
ALC/MANUAL	Performs settings Light control.
SHUTTER	Specifies the electronic shutter speed.
AGC	Specifies gain adjustment.
SENS UP	Specifies electronic sensitivity enhancement.
SYNC	Specifies the synchronization type.
WHITE BAL	Specifies white balance adjustment.
MOTION DET	Performs settings Motion Detector.
DNR	Selects the level of the digital noise reduction function.
RESOLUTION	Selects the resolution NORMAL or HIGH.
BW MODE	Performs each setting regarding the black-and-white mode such as Switching between color and black-and-white images.
PRIVACY ZONE	Hides undesired portions in the camera shooting area.
AF MODE	Select setting auto focus mode.
ZOOM LIMIT	A limitation is provided to prohibit the ZOOM operation in the direction of TELE, exceeding the preset value.
UPSIDE-DOWN	The video image is reversed upside down during ON setting.
MIRROR	The video image is reversed to the right and left during ON setting.
PRESET POSITION	Performs settings preset position.
PRESET	Select the position number. The preset setting menu appears on the monitor screen.
MAP	The PRESET NUMBER SET menu appears on the monitor screen.
HOME POSITION	To set a position number for the home position
SELF RETURN	Set up the time needed to return to the home position automatically.
IMAGE HOLD	The camera picture remains as a still image on the monitor screen until the camera reaches the preset position.
SPECIAL	
CHROMA GAIN	Setting the Chroma Level.
AP GAIN	Setting the Aperture Level.
PEDESTAL	Setting the Pedestal Level.
PIX OFF	This setting can assign a blemish position and compensate the blemish.
ZOOM INVERSE	The TELE/WIDE operation from the lens control terminal or the UP and DOWN buttons is reversed during ON setting.
FOCUS INVERSE	The FAR/NEAR operation from the lens control terminal or the UP and DOWN buttons is reversed during ON setting.
REFRESH	The Refresh operation is started.
CAMERA RESET	The camera is reset to the factory default settings.
COMMUNICATION	Select RS485 or COAX or COAX (RCV).
PASSWORD LOCK	Performs settings password lock.

Basic operation

The description below explains how to operate the setup menu basically.

The operations in the setup menu are performed with the operation buttons after calling up the setup menu on the connected video monitor. Refer to the installation guide for further information about the operation buttons. The operations in the setup menu can also be performed through the system controller (option).

Screenshot 1

Hold down the setting button for approx. 2 seconds to call up the top screen of the setup menu.

```
** WV-CZ362 SETUP **
CAMERA ↓
PRESET POSITION ↓
SPECIAL ↓
COMMUNICATION ↓

PASSWORD LOCK OFF ↓
END
```

Step 1

Move the cursor to the item to be set, and press the setting button.

Screenshot 2

The selected setup screen in the setup menu appears on the screen.

```
** CAMERA SETUP ** 1/2
CAMERA ID      OFF ↓
ALC/MANUAL     ALC ↓
SHUTTER        AUTO
AGC            ON (MID)
SENS UP        OFF
SYNC           INT
WHITE BAL      ATWL ↓
MOTION DET     OFF
DNR            LOW2
RESOLUTION     NORMAL
BW MODE ↓
```

```
** CAMERA SETUP ** 2/2
PRIVACY ZONE   OFF ↓
AF MODE        STOP AF
ZOOM LIMIT     X 22
UPSIDE-DOWN    OFF
MIRROR         OFF

RET TOP END
```

Step 2

Perform the settings for each item.

- Selection of setting item:
Press the UP button or DOWN button to move the cursor.
- Change of settings:
Press the RIGHT button or LEFT button.
- Display of advanced setup screen:
Press the setting button when " " is attached to the target setting item.
- Return to previous setup screen:
Move the cursor to "RET" and press the setting button.
- Return to top screen:
Move the cursor to "TOP" and press the setting button.

Step 3

To return to the camera image screen, move the cursor to "END" and press the setting button.

SETTING PROCEDURE

Hold down the setting button for approx. 2 seconds to call up the top screen of the setup menu.

```
** WV-CZ362 SETUP **  
CAMERA |  
PRESET POSITION |  
SPECIAL |  
COMMUNICATION |  
  
PASSWORD LOCK OFF |  
END
```

When the setting button is pressed for each item, each setting can be made.

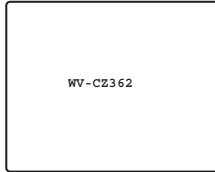
Setting can not be made if ON setting has been made for PASSWORD LOCK. Setting should be carried out after PASSWORD LOCK has been canceled.

Refer to Page 20 in regard to the method of PASSWORD LOCK canceling.

- To close the menu from Camera Setup buttons, select END.
- If no operation is performed for 6 minutes, the menu becomes automatically closed.

To determine the display position of the CAMERA ID

1. Move the cursor to POSI, and press the setting button.
The display in the figure appears and the CAMERA ID is highlighted.
2. Move the CAMERA ID to the desired position.
3. Press the setting button to fix the position of the CAMERA ID.



② Light Control Setting (ALC/MANUAL)

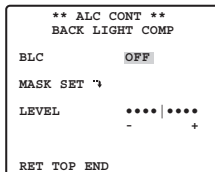
1. Move the cursor to ALC/MANUAL and select ALC or MANUAL. When you select ALC, backlight compensation ON or OFF can be set.

Note: The backlight compensation submenu associated with this menu is described separately and should be set up after installing the camera at the site and observing the actual site picture.

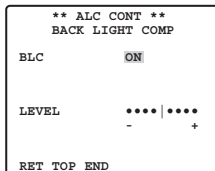
2. When MANUAL is selected, quit the setup menu. Press the OPEN or CLOSE button on the controller for iris adjustment.

Note: The camera menu cannot be used for iris control.

(1) ALC Mode with BLC ON



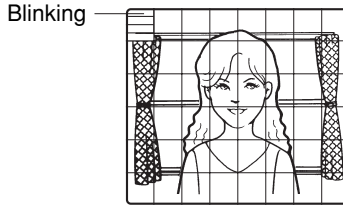
1. Press the setting button after selecting ALC. The ALC CONT menu appears.



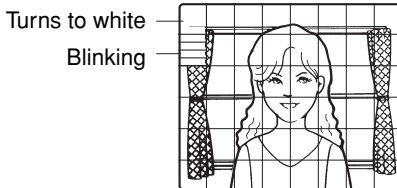
2. Move the cursor to the BLC parameter and select ON.
3. If you want to adjust the video output level, adjust the "I" cursor for LEVEL.

(2) ALC Mode with BLC OFF

1. Move the cursor to BLC and select OFF. (When you select MANUAL, BLC is not available.) MASK SET appears on the menu.



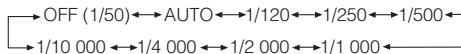
2. To mask an area where backlight is bright, move the cursor to the area and press the setting button. The mask turns white. Repeat this procedure to mask the desired areas.



3. To cancel a masked area, move the cursor to the area, and press the setting button. To delete all the masking area, press the RIGHT and LEFT buttons at the same time for more than 2 seconds.

4. After masking is completed, press the setting button more than 2 seconds. 48 mask areas on the monitor screen disappear and the ALC CONT menu appears.

③ Shutter Speed Setting (SHUTTER)



● In the AUTO mode, an object is clearly imaged under highlighted conditions by using the combination technology of iris and shutter functions.

Note: When the selected shutter speed caused flicker on condition that fluorescent lamps stay on, change this setting to "OFF".

④ Gain Control Setting (AGC)

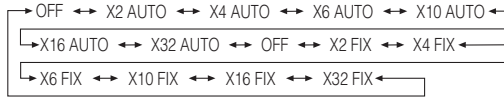
Select ON (LOW), ON (MID), ON (HIGH) or OFF.

Notes:

- Even if AGC is set to ON and if the noise reduction function is enabled, after images may be produced by shooting a moving object.
- For more information, refer to Digital Noise Reduction on page 12.

⑤ Electronic Sensitivity Enhancement (SENS UP)

The electronic sensitivity enhancement mode changes as follows:



- While the SENS UP function is selected, noise or spots may appear in the picture when the sensitivity of the camera is increased. This is a normal phenomenon.

⑥ Synchronization Setting (SYNC)

The priorities of SYNC modes are assigned as follows:

1. Multiplexed vertical drive (VD2)
2. Internal sync (INT)

Note: Whenever the vertical drive pulse (VD2) is supplied to the camera, the camera sync mode is automatically switched to the multiplexed vertical drive pulse (VD2) regardless of the selected sync mode.

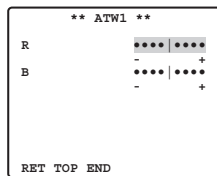
⑦ White Balance Setting (WHITE BAL)

1. Auto-Tracing White Balance Mode (ATW1/ ATW2)

The range of color temperature is ATW1 2 600 K-6 000 K
ATW2 2 000 K-6 000 K

* ATW2 is suited to setting when a sodium lamp is used.

- (1) The white balance of the camera is automatically adjusted at ATW1 and ATW2.

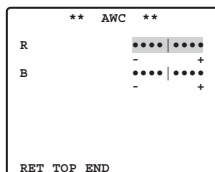


- (2) For fine adjustment of ATW1/ATW2, press the setting button. The ATW1/ATW2 fine adjustment menu appears on the monitor screen.

2. Automatic White Balance Control Mode (AWC)

In this mode, the supported color temperature range is approximately 2 500K to 8 000K. This mode is best in location where the light source is constant.

- (1) Select AWC → PUSH SET.
- (2) Press the setting button to start the white balance setup. PUSH SET is highlighted to indicate that white balance is being set.
- (3) PUSH SET returns to normal when balance setting is completed.
- (4) For fine adjustment of the AWC, move the cursor to AWC and press the setting button. The AWC fine adjustment menu appears on the monitor screen.



⑧ Motion Detector Setting (MOTION DET)

1. Select ON or OFF.

2. If ON is selected, press the setting button. The MOTION DETECT menu appears.

You can mask the areas in this menu.

3. Move the cursor to MASK SET and press the setting button. 48 mask areas appear on the monitor screen.

Refer to Light Control Setting on page 8 for masking operations.

4. After masking areas, press the setting button more than 2 seconds. The MOTION DETECT menu appears on the monitor screen.

5. Move the cursor to ALARM and select ON or OFF.

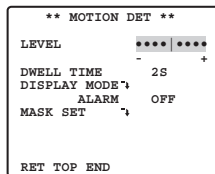
ON: The alarm signal is supplied while the display mode is activated.

OFF: The alarm signal is not supplied while the display mode is activated.

6. Move the cursor to DISPLAY MODE.

Press the setting button to see the present setting. The areas that detect the motions blink.

7. Move the cursor to LEVEL.



Obtain the optimum detection level.

8. Dwell Time

Move the cursor to DWELL TIME, and select a time. When the time specified here elapses after motion detection, the camera will notify the connected device of the alarm activation.

Selectable times (seconds): 2 s, 5 s, 10 s, 30 s.

Important Notices:

- Motion detection should meet the following conditions.
 - 1) The picture size on the screen should be larger than 1/48 of the actual picture size.
 - 2) The contrast ratio between the object and the background picture should be more than 5% at the maximum detection level.
 - 3) The time that takes the object to move from one end of the screen to the other should be more than 0.1 second.
- Also under the following conditions, mask or adjust the detection level to prevent malfunction.
 - 1) When leaves, curtains, etc. are swayed by the wind.
 - 2) When a picture has a high noise content due to low light conditions.
 - 3) When the object is illuminated by lighting equipment that constantly turns on and off.

- Alarm signal will take approx. 0.2 seconds to reach the alarm terminal of the VTR after the camera detects the object.

Because the alarm signal is multiplexed on the video signal, it may be mistakenly interpreted by other video equipment as a time code signal. Therefore, when this camera is not used in a Panasonic Intelligent CCTV System, select OFF to prevent the above from occurring.

⑨ Digital Noise Reduction Setting (DNR)

DNR may be used to improve quality under low light conditions.

There are 4 levels of DNR, which may be selected depending on local site conditions.

LOW1: DNR level is low. The after-image remains.

LOW2: DNR level is low. The after-image is reduced.

HIGH1: DNR level is high. The after-image remains.

HIGH2: DNR level is high. The after-image is reduced.

⑩ Resolution Setting (RESOLUTION)

Move the cursor to RESOLUTION and select NORMAL or HIGH.

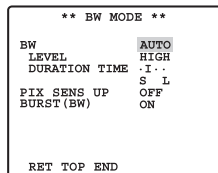
NOTE: When HIGH is selected, ringing will become much more clear.

⑪ Black and White Mode Setting (BW MODE)

You can set up the black and white mode on this menu.

BW Setting

1. Move the cursor to BW and select EXT, AUTO, ON or OFF.



EXT: Changes between the color and BW mode according to the D/N IN terminal.

AUTO: The camera selects the black and white mode if the picture is dark, or the color mode if the picture is bright enough.

ON: The black and white mode is selected.

OFF: The color mode is selected.

Note: At the time of EXT setup, the controller cannot be used for ON/OFF control.

2. When AUTO is selected, it becomes possible to set up the LEVEL and the DURATION TIME.

3. Select HIGH or LOW for the threshold level at which the camera automatically switches to BW or color mode.

The illuminance shown below is based on the assumption that the camera is used in an area lit by halogen lamps, and that AGC on the menu is set to MID.

HIGH: approximately 4 lx

LOW: approximately 2 lx

Note: When near-infrared lamps are used, the image may be displayed out of focus and mode switching may not perform automatically.

4. Move the “I” cursor to set DURATION TIME.

The camera determines whether to switch the mode when the time set for holding a picture motionless on the screen has elapsed.

Available duration times: (S) 10 s → 30 s → 60 s → 300 s (L)

PIX SENS UP Setting

Move the cursor to PIX SENS UP and move the cursor to select OFF or X2 AUTO.

X2 AUTO: Sensitivity will be automatically doubled at the maximum in the black and white mode.

OFF: Sensitivity will not be enhanced.

Notes:

- “X2 AUTO” is not available when AGC is set to OFF. “X2 AUTO” is automatically set to OFF.
- When the picture becomes stable, the luminance may change for a moment.

BURST (BW) Setting

Move the cursor to BURST (BW), and select ON or OFF.

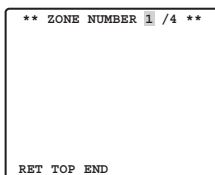
ON: The burst signal is supplied along with the black and white composite video.

OFF: The burst signal is not output.

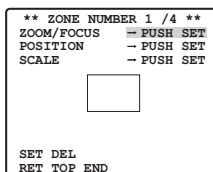
Note: It is recommended to select ON usually.

⑫ Privacy Zone Setting (PRIVACY ZONE)

Up to 4 unwanted zones can be masked on the monitor screen.



When the cursor is positioned on a numeral, the setup zone number is selected with the RIGHT, LEFT or setting button is pressed, the privacy zone mask setup screen is displayed.



Zoom/Focus

Press the SET and then UP, DOWN, RIGHT or LEFT button to adjust the Zoom and Focus positions.

Position

Press the SET and then UP, DOWN, RIGHT or LEFT button to set up the mask position of the privacy zone.

Scale

Press the SET and then UP, DOWN, RIGHT or LEFT button to set up the mask size of the privacy zone. If there is the cursor in SET, press the setting button to reflect the contents of setup.

Selecting DEL instead of SET deletes the zone settings and returns to the zone number selection menu.

Note: If UPSIDE DOWN and MIRROR have been set up after the completion of privacy zone setup, there may be some displacement of the mask position.

⑬ Auto Focus Setting (AF MODE)

MANUAL: In this mode, the AF mode activates when the setting button is pressed.

STOP AF: If STOP AF is selected following MANUAL, the AF mode activates during or after lens operation.

AUTO: If AUTO is selected following STOP AF, the AF mode activates when the illumination is changed.

Notes:

- Long use in AUTO mode may shorten the service life of the lens drive.
- When the electronic sensitivity enhancement (SENS UP) is activated except in the x2 FIX or x2 AUTO mode, this function is automatically set to MANUAL.
- The auto focus lens may not function properly in the STOP AF and AUTO mode under the following conditions.
 1. Dirt or water on window glass.
 2. Low lighting or illumination.
 3. Bright objects or high intensity objects.
 4. Single color object such as a white wall or fine felt
 5. No center objects and sloping objects

⑭ Zoom Limit Setting (ZOOM LIMIT)

A limitation is provided to prohibit the ZOOM operation in the direction of TELE, exceeding the preset value. Optical zoom ranges from 1 to 22 magnifications, and electronic zoom becomes available for higher levels.

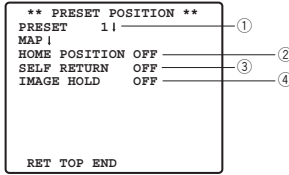
⑮ Upside-Down Setting (UPSIDE-DOWN)

The video image is reversed upside down during ON setting.

⑯ Mirror Setting (MIRROR)

The video image is reversed to the right and left during ON setting.

■ Preset Position Setting



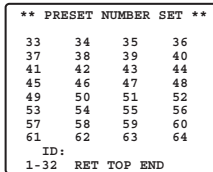
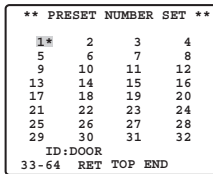
① Preset Menu Display

1. Displaying the preset menu directly

- (1) Move the cursor to PRESET 1 \blacktriangledown and select the position number.
- (2) Press the setting button. The preset setting menu appears on the monitor screen.

2. Displaying the preset menu from the PRESET NUMBER SET menu

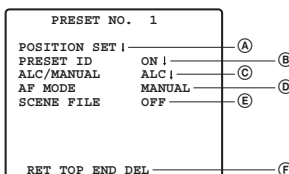
- (1) Move the cursor to MAP \blacktriangledown and press the setting button.
The PRESET NUMBER SET menu appears on the monitor screen.



- (2) Move the cursor to the position number to be set and press the setting button.
The preset setting menu appears on the monitor screen(see below). To display any position number between 33 and 64, move the cursor to "33-64" in the lower left of the screen and press the setting button.

Notes:

- The * mark indicates that the position number has been preset.
- The character H refers to the home position.
- The second line from the bottom shows the preset ID corresponding to the selected number. "DOOR" next to "ID" in the example shown right is for preset position number 1.

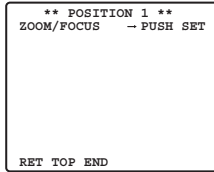


Ⓐ Position Setting (POSITION SET)

- 1. Move the cursor to POSITION SET on the preset setting menu and press the setting button.**

The POSITION setting menu appears.

- (1) Move the cursor to PUSH SET for ZOOM/FOCUS and press the setting button.



- (2) Select a zoom position and a focus position, and then press the setting button. The positions are set and the screen returns to the position setting menu.

Note: If you move the cursor to the position number and press the LEFT or RIGHT button, the position number can be selected.
The selected preset position number can also be set after pressing the setting button.

Ⓑ Preset Identification Setting (PRESET ID)

- 1. Move the cursor to PRESET ID on the preset setting menu and select ON or OFF.**

ON: Preset ID appears on the monitor screen.

OFF: Preset ID does not appear.

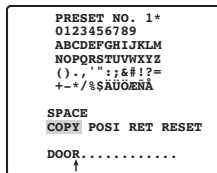
- 2. Press the setting button to display the preset ID setting menu.**

To Enter a New Preset ID

For registration, refer to the items of CAMERA ID on Page 7.

To Copy a Preset ID from Another Position

- (1) Move the cursor to COPY and press the setting button. The preset ID in the preceding position is immediately shown. Each consecutive pressing of the setting button displays the ID preceding the one currently displayed.



- (2) Display the most prospective ID.
- (3) Please see page 7 for the setting of Preset ID if you want to change it.

To Enter the Next ID without Returning to the Preset Setting Menu

- (1) In the preset ID setting menu, move the cursor to the top line and select a desired position number.
- (2) Enter, copy, change or delete the ID as described above.

Ⓒ **Light Control Setting (ALC/MANUAL)**

Refer to Light Control Setting on page 8.

Ⓓ **Auto Focus Setting (AF MODE)**

Refer to Auto Focus Setting on page 14.

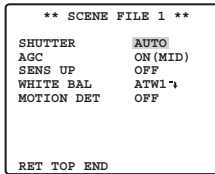
Ⓔ **Scene File Setting (SCENE FILE)**

1. To set a scene file number

Move the cursor to SCENE FILE and select a scene file number (1 to 10, or OFF). No scene file is selected at OFF.

2. To set scene file details

Move the cursor to a scene file number and press the setting button. The setting menu appears.



Ⓕ **Deleting Preset Positions**

Move the cursor to DEL and press the setting button.

② **Home Position Setting (HOME POSITION)**

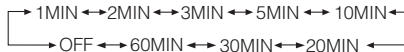
1. To set a position number for the home position Move the cursor to HOME POSITION and select a desired position number.

2. Select OFF if you are not using the home position function.

③ **Self Return Setting (SELF RETURN)**

This menu is used to set up the time needed to return to the home position automatically.

Move the cursor to SELF RETURN, select a return time from among the following and press the setting button to confirm your selection.



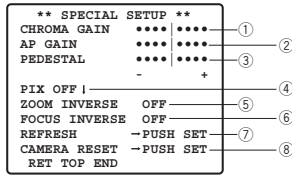
MIN stands for minute(s).

④ **Image Hold (IMAGE HOLD)**

The camera picture remains as a still image on the monitor screen until the camera reaches the preset position. This function is useful for surveillance via local area network.

Move the cursor to IMAGE HOLD and select ON or OFF.

■ Special Setting



① Chroma Level (CHROMA GAIN)

② Aperture Level (AP GAIN)

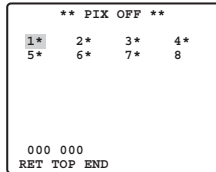
③ Pedestal Level (PEDESTAL)

Move the cursor to CHROMA GAIN, AP GAIN and PEDESTAL and move the “|” cursor to your desired position.

④ PIX OFF Setting (PIX OFF)

In this setting, you can assign a blemish position and compensate the blemish.

1. Move the cursor to PIX OFF and press the setting button. The PIX OFF menu appears.



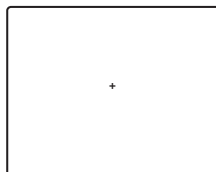
2. Select a number and press the setting button. The blemish compensation position setting screen appears.

Move the “+” cursor to the place on the blemish position. After moving the “+” cursor to a position where the blemish looks inconspicuous, press the setting button. Consequently, the blemish compensation position is set up and the PIX OFF menu is restored.

After a blemish compensation position is set up, “*” is attached at the right of the number.

3. If you would like to delete a blemish compensation position, move the cursor to the applicable number and press the setting button.

The blemish compensation position setting screen appears.



The blemish compensation position is deleted and “*” is also deleted from the right of the number by pressing the RIGHT and LEFT buttons for more than 2 seconds.

⑤ ZOOM INVERSE

The TELE/WIDE operation from the lens control terminal or the UP and DOWN buttons is reversed during ON setting.

⑥ FOCUS INVERSE

The FAR/NEAR operation from the lens control terminal or the UP and DOWN buttons is reversed during ON setting.

⑦ REFRESH

Move the cursor to REFRESH and press the RIGHT and LEFT buttons at the same time for more than 2 seconds. Then, the Refresh operation is started.

⑧ CAMERA RESETTING (CAMERA RESET)

Move the cursor to CAMERA RESET and press the RIGHT, LEFT, and SETTING BUTTONS at the same time for more than 2 seconds.

The camera is reset to the factory default settings.

Notes:

- Any of the following cannot be reset to the factory defaults: Preset Position Setting (POSITION SET, PRESET ID, ALC/MANUAL, AF MODE, SCENE FILE), Communication Setting, Password Lock Setting, PIX OFF setting.
- In case of performing this operation on the condition that the cursor is positioned on other than CAMERA RESET, you cannot perform the operations on the menu thereafter. In that event, set the camera menu to ON again with the controller referring to page 15.

■ Communication Setting

```
**COMMUNICATION SETUP**  
COMMUNICATION RS485 I  
  
RET TOP END
```

Move to the cursor to "COMMUNICATION" and select RS485 or COAX or COAX (RCV).

COAX: Communication is carried out in the coaxial multiplex system.

COAX (RCV): If our receiver (WV-RC100, WV-RC150, WV-RC170) is used, select COAX (RCV).

RS485: Communication is maintained through the RS485 terminal. When RS485 is set up and the setting button is pressed, the RS485 setup screen is displayed.

● Changing the Camera Communication Parameters for RS485.

```
** RS485 SET UP **  
UNIT NUMBER      1  
SUB ADDRESS      ----  
BAUD RATE        19200  
DATA BIT         8  
PARITY CHECK     NONE  
STOP BIT         1  
XON/XOFF         NOT USE  
WAIT TIME        OFF  
ALARM DATA      AUTO2  
DELAY TIME       OFF  
RET TOP END
```

Move the cursor to the item and select the parameter.

Unit Number

In an RS485 chain each unit must have a unique number.

Sub Address

Do not set.

Baud Rate

Specifies the transmission speed (2 400, 4 800, 9 600, 19 200 bit per second) for the RS485 communication.

Data Bit

Specifies the number of data bits (7 or 8 bits) for the RS485 communication.

Parity Check

Specifies the parity check mode (NONE, ODD, EVEN).

Stop Bit

Specifies the number of stop bits (1 or 2 bits).

X ON/X OFF

Specifies whether to apply flow control or not (USE or NOT USE).

Wait Time

Specifies the time to wait until retrying after confirming that no data is received from the controller. (OFF: no retry, 100, 200, 400, 1 000 ms).

Alarm Data

Specifies the alarm transmission mode.

POLLING: Transmits the alarm data in response to requests from the controller.

AUTO 1: Transmits the alarm data each time an alarm signal is received by the camera.

AUTO 2 (Default): Transmits alarm data at intervals of 5 seconds.

Delay Time

Specifies the time to transmit the acknowledge request when communicating on a 2-line connection.

[----, 100 ms] Factory default setting: ---- (no set).

This menu appears only when a 2-line communication is used. Make sure to be 100 ms when connecting the camera with the Video Multiplexer or the Matrix Switcher in a 2-line communication system.

The settings become effective with the closing of SETUP menu.

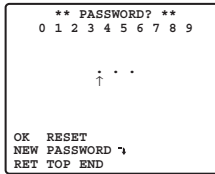
Note: Set the same parameters for the cameras, controllers and personal computers in an RS485 chain.

■ Password Lock Setting

Caution: For security, do not operate your VTR for recording while the password menus are displayed on the monitor.

A 3-digit number is used for a password to limit access to all settings.

1. Move the cursor to PASSWORD LOCK.



Note: ON or OFF can be selected only after going through the password verification.

OFF: You can change all settings.

ON: You cannot change all settings.

2. Press the setting button.

Password Verification

3. The password verification menu appears.

3-1 Select a numeral for the first digit with the cursor, and press the setting button. Though the entered password is not displayed, the up-arrow moves one character to the right.

3-2 Repeat the above step for the 2nd and 3rd digits. Default: 123

3-3 The cursor moves to OK after all the three digits have been entered.

Unless you want to change the password, press the setting button.

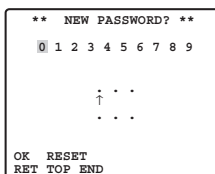
If the correct password is entered, the screen returns to SETUP menu. ON and OFF settings are the same as made on the SETUP menu is as set in step 1.

If a wrong password is entered, the screen returns to the verification menu. Repeat steps 3-1 to 3-3 to verify the password.

3-4 To cancel an incomplete password, move the cursor to RESET, and press the SET button. The screen returns to the verification menu.

New Password

4. To change the password in step 3-3 above, move the cursor from OK to NEW PASSWORD, then press the setting button. NEW PASSWORD menu appears.



Note: The NEW PASSWORD menu is accessible only after the verification has been completed. The up-arrow mark appears indicating the first digit on the first line.

4-1 Enter a new three-digit password in the same way as in steps 3-1 to 3-2.

4-2 The cursor moves to OK after all the three digits have been entered. Press the setting button to move the cursor to the first digit on the second line.

4-3 Enter the same password as the one you have entered on the first line.

4-4 The cursor moves to OK. Press the setting button. If the new password is successfully entered, the screen returns to SETUP menu.

4-5 Retry steps 4-1 to 4-4. If the first entry for the password is different from the second one, the screen returns to the NEW PASSWORD menu.

Panasonic Corporation

<http://panasonic.net>

Importer's name and address to follow EU rules:

Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg F.R.Germany

© Panasonic System Networks Co., Ltd. 2010