

# Screen Sequence

GB

This camera is shipped with the standard setting values and you can start using the camera without performing any settings. If necessary, make appropriate settings or adjustment according to your usage. For details, refer to the instruction manual contained in the supplied CD-ROM.

• If you have trouble adjusting the camera, consult your dealer or an Authorized Sanyo Service Center.



**SET**

Press and hold the button for about 3 seconds.

## Main menu

SYNC	INT
CAMERA	SET
LENS	SET
ALARM	SET
PRIVACY MASK	SET
PASSWORD	SET
LANGUAGE	SET
OPTION	SET
PRESET MENU	OFF
MENU	END

## <LANGUAGE>

Changing the display language for the menu screens

1 Select [LANGUAGE], press the SET button.

2 Select a language used for display, press the SET button.

The change applies immediately after pressing the SET button, and the display changes to the selected language.

LANGUAGE	
LANGUAGE	ENGLISH
LANGUE	FRENCH
SPRACHE	GERMAN

VCC-ZMN600: English, French, Spanish  
VCC-ZMN600P: English, French, German

### Returning to the main menu

Select [MENU] – “BACK”, press the SET button.

### Exiting from the menu screen

Select [MENU] – “BACK”, choose “END” using <left>/<right> button and press the SET button.

## Adjusting Synchronization Error

INT/L-L

- INT: Internal synchronization
- L-L (Line Lock): Power source synchronization (Only when using an AC power supply)

L-L SETTING	
[V SYNC PHASE]	0

## Adjusting Surveillance Image

1/2

Two surveillance mode settings are available.

IRIS	AUTO
WHITE BALANCE	ATW
BLC	OFF
SHUTTER	OFF
APERTURE	ON
AGC	ON
GAMMA	0.45
MOTION	OFF
POSITION	OFF
DAY/NIGHT	AUTO
PRESET MENU	OFF
MENU	BACK

## Adjusting Lens

A (Reverse side)

LENS	
FOCUS	AUTO
ZOOM	SET
PRESET MENU	OFF
MENU	BACK

## Setting Alarm

B (Reverse side)

ALARM	
ALARM IN	1
ALARM OUT	SET
ALARM DISPLAY	OFF
PRESET MENU	OFF
MENU	BACK

## Hidding Image Partially

C (Reverse side)

MASK NO. SELECT	
MASK 1	OFF
MASK 2	OFF
MASK 3	OFF
MASK 4	OFF
PRESET MENU	OFF
MENU	BACK

## Password Setting

D (Reverse side)

PASSWORD	
PASSWORD LOCK	OFF
PASSWORD CHANGE	SET
MENU	BACK

## Options Settings

E (Reverse side)

OPTION	
DISPLAY	ON
MIRROR	OFF
STABILIZER	OFF
NETWORK	SET
PRESET MENU	OFF
MENU	BACK

## IRIS Adjusting Lens Iris

AUTO / MANU

- AUTO: Use of an auto-iris lens

IRIS SETTING	
SENSE UP	OFF
[LEVEL]	40

Selecting Power of electronic sensitivity

Adjusting Iris level

- MANU: Use of a manual or fixed iris lens (for indoor use)

IRIS SETTING	
E1	OFF
[IRIS STOP]	17
[LEVEL]	40

Setting Electronic Iris

Adjusting Iris stop

Adjusting Iris level

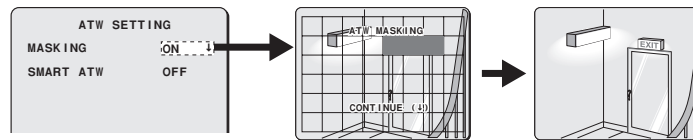
## WHITE BALANCE Color Compensation

ATW / AWC / MWB /

3200 (Indoor) / 5600 (Outdoor) / FLUO

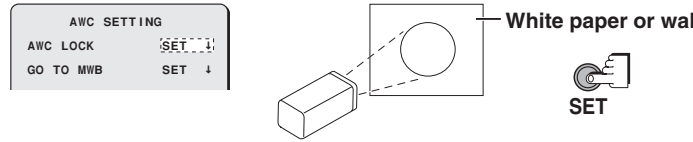
- ATW: Auto-Tracing White balance

You can use the mask patterns to cover extremely bright or dark light source in the monitored image.



- AWC: One-push adjustment

You can adjust the color compensation so that white objects appear as white as they are.



- MWB: Manual White Balance

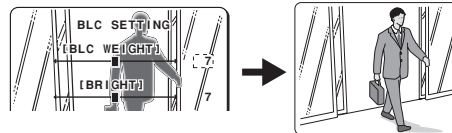
MWB SETTING	
R	64
B	64

## BLC Backlight Compensation

OFF / MULT / CENT / MASK

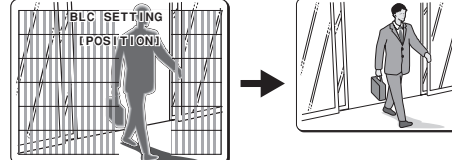
- MULT: Multi-spot evaluative metering

You can meter the entire screen.



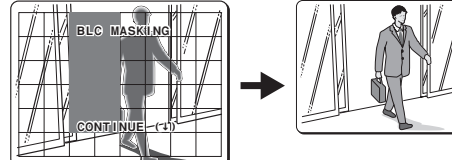
- CENT: Center-weighted average metering

You can determine the position, size and weighting value.



- MASK: Masking for backlight compensation

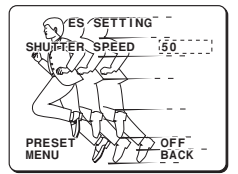
You can mask a metering area you do not want to meter.



## SHUTTER Specifying Shutter Speed

OFF / SHORT / LONG

- SHORT: Fast shutter speed
- LONG: Slow shutter speed

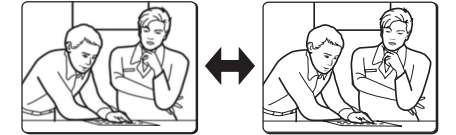


## APERTURE Accentuating Subject Outline

ON / OFF

- ON

APERTURE SETTING	
H	8
V	8



## AGC Setting Auto Gain Control

ON / OFF

You can increase electronic sensitivity to obtain a bright image in a lower illuminance.

- ON (Automatic)
  - OFF (Manual)
- If [AGC] cannot be set to "OFF", [DAY/NIGHT] is set to "AUTO", or [SENSE UP] is set to "ON".

## GAMMA Correcting Gamma Characteristic

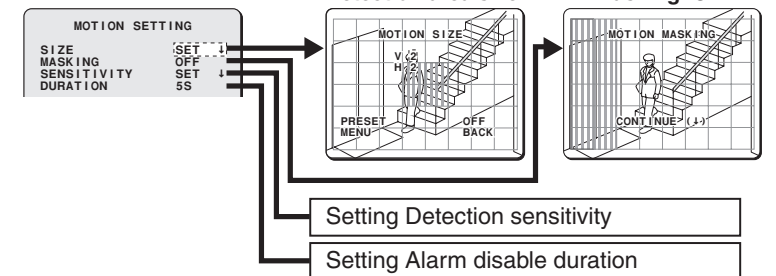
0.45 / 1 / MODE1 / MODE2

You can adjust the contrast or brightness level.

## MOTION Setting Motion Sensor

OFF / ON

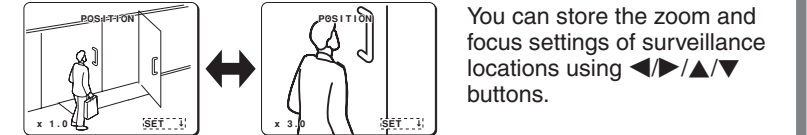
- ON



## POSITION Storing Zoom and Focus settings

OFF / ON

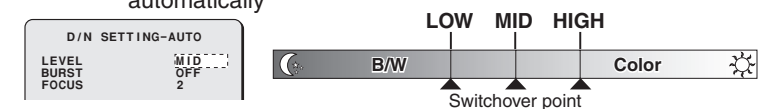
- ON



## DAY/NIGHT Switching the Video between Color and Black/White

AUTO / COLOR / B/W

- AUTO: Switching the viewing mode (Color and Black/White) automatically



- COLOR
- B/W: Black/white

You can fix the camera to the color or black/white video mode. When "COLOR" is selected, the camera can be set to automatically switch between color and black/white modes upon detecting an alarm. For details, see "DAY/NIGHT setting" in the electronic manual contained in the CD-ROM.

## A LENS: Adjusting the Lens

### FOCUS Focusing operation settings

#### AUTO / MANU

##### ● AUTO: Auto focus

**FOCUS SETTING**

LIMIT NEAR: 1m  
SENSITIVITY: HIGH  
AREA: SET  
AF RETURN: 30S

- The nearest focusing distance to the object
- Sensitivity for auto focusing
- Specifies the area to be focused

AREA SETTING: 1/2/3  
 1: 8x6 (Entire screen)  
 2: 6x4  
 3: 4x2

Returning to auto focus mode from manual focus operation

##### ● MANU: Manual focus

**FOCUS SETTING**

LIMIT NEAR: 1m  
SPEED: 3

- The nearest focusing distance to the object
- Selecting the focusing speed

## B ALARM: Setting Alarm

### ALARM IN Specifying Alarm Input

#### 1 / 2

Two mode settings (ALARM IN 1/2) are available.

**ALARM IN 1**

POLARITY: ON/OFF  
ACTION: ON/OFF

MOTION ALARM: OR  
ALARM OUT: OFF  
LINE OUT: OFF  
DURATION: 5S

- Normal Open, Normal Close
- Specifies the action after the alarm is detected.
- Specifies the combination of external alarm input and motion sensor.
- Specifies the alarm output settings when an alarm is detected.
- Specifies the settings of the alarm output to the communication line when the alarm is detected.
- Sets alarm input duration.

### ALARM OUT Specifying Alarm Output

**ALARM OUT**

OUTPUT: ON/NO  
POLARITY: NO  
ALARM TIME: 5S

- Alarm signal output setting
- Normal Open, Normal Close
- Alarm signal output duration

### ALARM DISPLAY Notifying Alarm Detection

#### OFF / ON

##### ● ON

**ALARM**

ALARM IN: 1 SET  
ALARM OUT: 1 SET  
ALARM DISPLAY: ON  
ALARM TIME: 5S

- The camera title blinks when an alarm is detected.
- Select the duration for which the camera title blinks.

### ZOOM Zooming operation settings

**ZOOM SETTING**

SPEED: 3  
EL. ZOOM: OFF  
V-RESO. UP: OFF

- Zooming speed
- Electronic zooming
- Vertical resolution in the electronic zooming

## C PRIVACY MASK: Hiding Image Partially

### MASK1 Setting the first mask

#### OFF / SET / ON

##### ● SET

MASK 1 SET POSITION

MASK 1 SET SIZE

MASK 1 SET

You can set up to four masks. (MASK1 - MASK4)

You can set up to four masks. (MASK1 - MASK4)

## D PASSWORD: Password Setting

### PASSWORD LOCK Setting/Cancelling Password Lock

#### OFF / ON

If a password is set, the setting for [PASSWORD LOCK] changes to "ON". You will be prompted to enter the password to access the main menu.

(When setting a password for the first time, you must enter the factory default password "1234". It is recommended that you change it to your own password.)

##### ● Setting: OFF

PASSWORD LOCK: OFF  
PASSWORD CHANGE: SET

\*\*\* SET

PASSWORD LOCK: ON  
PASSWORD CHANGE: SET

##### ● Cancelling: ON

PASSWORD LOCK: ON  
PASSWORD CHANGE: SET

\*\*\* SET

PASSWORD LOCK: OFF  
PASSWORD CHANGE: SET

### PASSWORD CHANGE Changing password

Enter the current password and then a new password.

PASSWORD: <NOW PASSWORD>  
\*\*\* SET

PASSWORD: <NEW PASSWORD>  
\*\*\* SET

MENU BACK

## E OPTION: Options Settings

### DISPLAY Specifying screen display options

#### ON / OFF

##### ● ON

**DISPLAY**

TITLE: ON  
ZOOM RATIO: OFF

Naming cameras

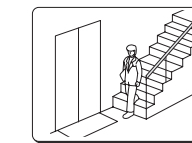
Setting the Zoom Magnification Power

You can move the zoom magnification power indication by using ◀▶/▲▼ buttons.

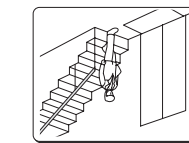
### MIRROR Setting Mirroring function

#### OFF / HV / H / V

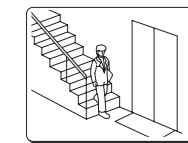
##### ● OFF



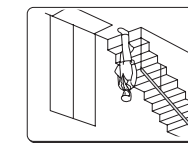
##### ● HV



##### ● H



##### ● V



### STABILIZER Correcting the Sway of the Camera

#### OFF / ON

If a camera is installed in the street, for example, the stabilizer makes it possible to set the compensation level of the camera.

##### ● ON

**STABILIZER**

LEVEL: MIDDLE

Diagram showing a camera on a truck with a stabilizer level indicator.

### NETWORK Setting the Communication Conditions for Network Connection

#### IP ADDRESS: FIX / AUTO

**NETWORK SETTING**

IP ADDRESS: FIX  
PORT: 00080  
ALARM OUT: ON  
MAC ADDRESS: \*\*--\*\*--\*\*--\*\*

**IP ADDRESS SETTING**

IP ADDRESS: 192.168.000.002  
SUBNET MASK: 255.255.255.000  
GATEWAY: 192.168.000.001

Port number setting

To output the alarm signal to the network

• The "MAC ADDRESS" cannot be changed.