ENGLISH

QUICK MANUAL

COMBINATION CAMERA
OUTDOOR COMBINATION CAMERA

C-CC514, C-CC564
C-CC574, C-CC714
C-CC764, C-CC774

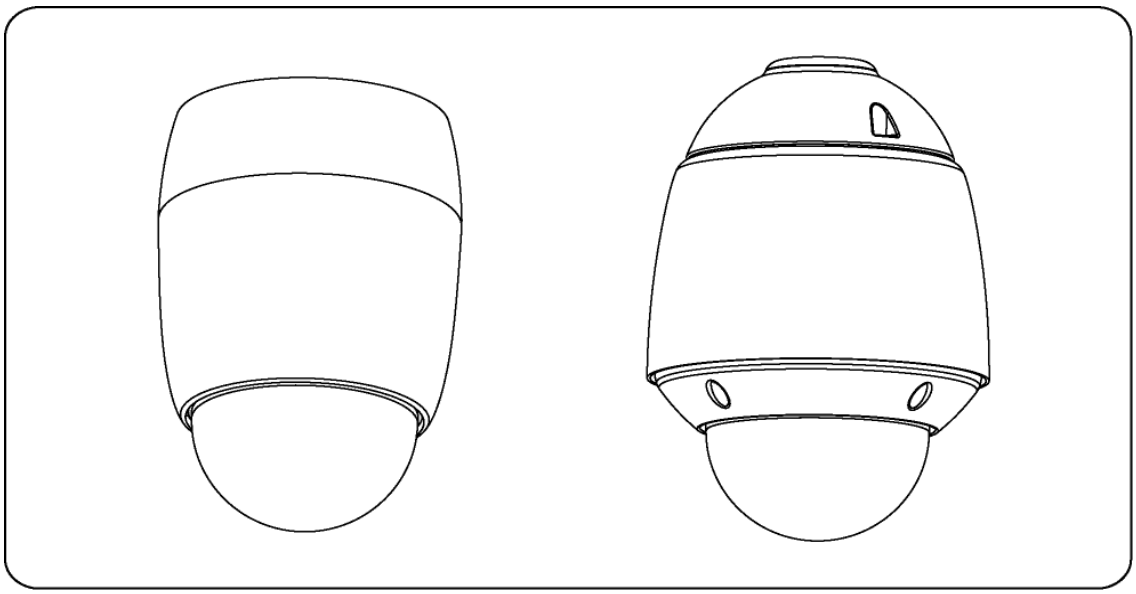


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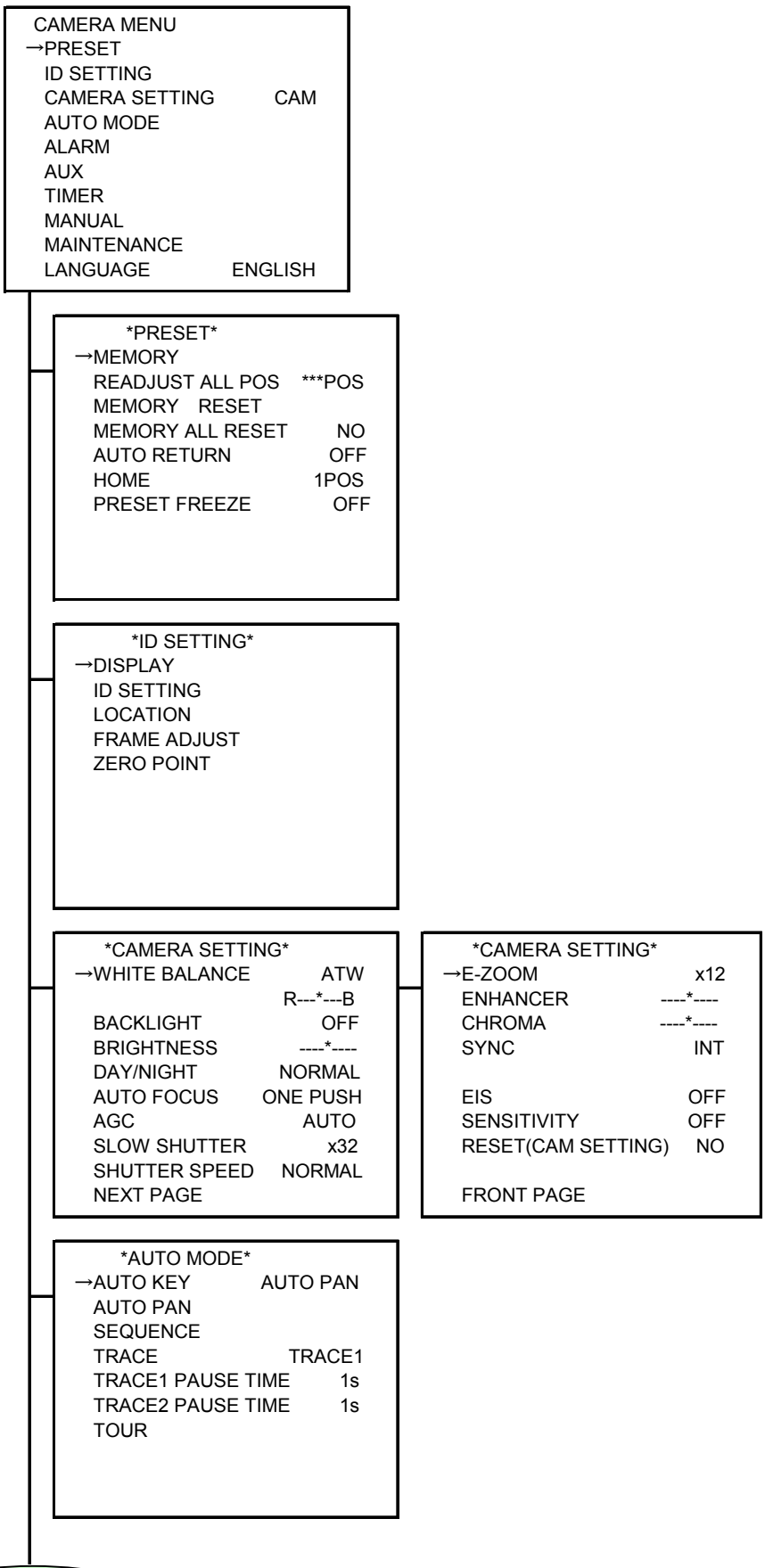
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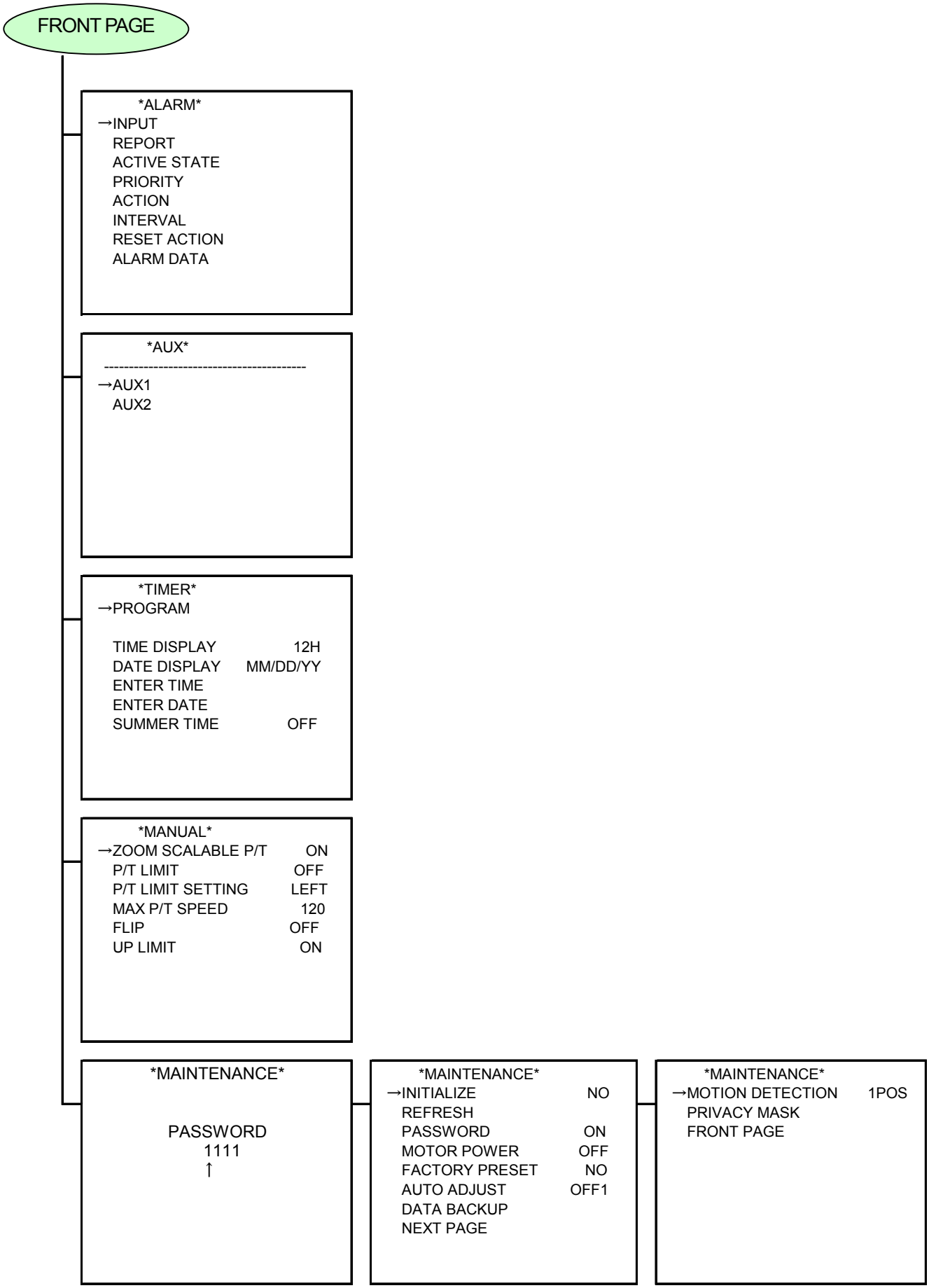
Thank you for your purchasing TOA's Combination Camera. Please carefully follow the instructions in this manual to ensure long, trouble-free use of your equipment.

TOA Corporation

MENU SCREEN CONFIGURATION



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FUNCTION TABLE

Commands	Keystrokes	Description
PRESET		
MEMORY	POS 1-255 - FINE SETTING	Settings such as camera direction, lens angular field of view, and focus can be preset in advance. Up to 255 positions can be set.
READJUST ALL POS	POS 1-255	This function simultaneously resets all preset camera panning positions. The deviation of one camera position is measured, based on which all other positions are globally corrected. When performing this global correction, use the position on the telescope side whenever possible.
MEMORY RESET	POS 1-255	The stored position is erased.
MEMORY ALL RESET	NO/YES	Deletes all preset position data.
AUTO RETURN	OFF/5s/10s/15s/20s/30s/45s/ 1min/3min/5min	This function is used to determine operation when the camera is not controlled at all. The camera automatically reverts to the initially set program when the preset period of time elapses after the controller's control has been finished.
HOME	1POS/2POS/254POS/255POS/ AUTO PAN/SEQUENCE/ TRACE1-2/TOUR1-16	Designate the program the camera automatically returns to.
PRESET FREEZE (*1)	OFF/ON	Freezing the screen immediately before replaying preset memory blanks out the view of the camera's movement between camera positions. It is recommended that the preset memory freeze function also be used together when using the privacy masking function.
ID SETTING		
DISPLAY		
ALL	INDIVIDUAL/1s/3s/5s/10s/ OFF/ON	Contents or time to be displayed can be set by selecting "Display" on the ID setting screen. OFF : Nothing is displayed. ON : Every ID are all displayed. 1s, 3s, 5s, 10s : ID is displayed for a set length of time. INDIVIDUAL : Performs display settings for each ID.
ADDRESS	OFF/ON/1s/3s/5s/10s	Displays the camera address and camera position No. Title length can be freely adjusted from 3 to 7 digits. (Camera address: DIP SW1: for setting, factory-preset: 001) [***-***] Camera address - Position number
CAMERA	OFF/ON/1s/3s/5s/10s	Displays the Camera Title.
POSITION	OFF/ON/1s/3s/5s/10s	Displays the Position title (1 – 255).
TRACE	OFF/ON/1s/3s/5s/10s	Displays the Trace title (1 – 2).
AUTO PAN	OFF/ON/1s/3s/5s/10s	Displays the Auto-Pan title.
TOUR	OFF/ON/1s/3s/5s/10s	Displays the Tour title (1 – 16).
HOME	OFF/ON/1s/3s/5s/10s	Displays the Home Position title (1 – 3). Up to 3 titles can be set.
ALARM	OFF/ON/1s/3s/5s/10s	Displays the Alarm title (1 – 8).
SECTOR	OFF/ON/1s/3s/5s/10s	Displays the title for the sectors split in the panning direction.
AUX	OFF/ON/1s/3s/5s/10s	Displays the AUX contact output title (1 – 2).

ANGLE	OFF/ON/1s/3s/5s/10s	Displays the coordinate. Pan (0 to 359°)/ Tilt (5 to -185°) fixed 8 characters. [***/-***] Pan angle (0 to 359°)/ ±Tilt (5 to 185°)
ZOOM	OFF/ON/1s/3s/5s/10s	Displays the Electronic Zoom. Fixed 3-charactors.
DATE	OFF/ON/1s/3s/5s/10s	Displays the date in accordance with the date setting (timer setting) format. Fixed 8-charactors.
TIME	OFF/ON/1s/3s/5s/10s	Displays the time in accordance with the time (hour, minute) setting (timer setting) format. (Format: fixed 5 or 7-charactors)
ID SETTING		
CAMERA		The ID setting screen is displayed. Input the title character.
POSITION	***POS 1-255	
TRACE	TRACE 1-2	
AUTO PAN		
TOUR	TOUR 1-16	
HOME	HOME 1-3	
ALARM	ALARM 1-8	
SECTOR	SECTOR SETTING/ID SETTING	The range of the sector is set or is cleared. The sector title is set. Setting North permits the direction to be automatically divided into 8 sectors. (north, north east, east, south east, south, south west, west, and north west)
1)SECTOR SETTING	FIX/EACH/CLEAR 1-8	
2) ID SETTING	SECTOR 1-8	
AUX	AUX 1-2	The ID setting screen is displayed. Input the title character.
LOCATION		
ADDRESS	LOCATION SETTING	Setting title display position and its length.
CAMERA	LOCATION SETTING/ LENGTH SETTING	
POSITION		
TOUR		
HOME	LOCATION SETTING/ LENGTH SETTING - HOME1-3	
ALARM	LOCATION SETTING/ LENGTH SETTING	
SECTOR		
AUX		
ANGLE DISP	LOCATION SETTING	
ZOOM DISP		
DATE DISP		
TIME DISP		
PATTERN CLEAR	NO/YES	All set display positions and lengths can be reset to initial factory-preset conditions.
FRAME ADJUST		Adjust the character display position.
ZERO POINT		Change the origin point of the angle (Zero point) display.

CAMERA SETTING (CAM)

WHITE BALANCE	ATW/AWB	The white balance may be set to either AWB or ATW. (factory default: ATW) ATW : The camera adjusts its white balance setting according to fluctuations in the color temperature of the subject's illumination. AWB : The camera uses a fixed white balance setting regardless of fluctuations in the color temperature of the subject's illumination.

BACKLIGHT	OFF/WIDE DYNAMIC (*1)/ WIDE DYNAMIC2 (*3)/ PATTERN1-3	The Backlight Compensation function makes the image displayed on the screen easier to see when there is strong light behind the subject. (factory default: OFF) OFF : Turns the Backlight Compensation function off. This is the setting usually used. WIDE DYNAMIC : Allows backlight compensation that prevents the subject from becoming too dark or the surrounding background from becoming too white. Try using WIDE DYNAMIC as the initial setting to compensate for backlighting. WIDE DYNAMIC2 : Allows objects in a dark location with a bright background to be distinguished, which cannot be achieved by Wide Dynamic. However, the bright background may look darker. PATTERN1, PATTERN2 or PATTERN3 : Turns the Backlight Compensation function on. This automatically adjusts the overall brightness so that brightness is optimized for easier viewing in the screen areas indicated in shaded region. Select 1, 2, or 3 depending on which makes the intended subject the easiest to see. PATTERN 1 PATTERN 2 PATTERN 3 
BRIGHTNESS	9steps	The brightness of the camera image can be adjusted to suit user preferences.
DAY/NIGHT (*1)	NORMAL/ON/OFF/COLOR/ MOTION	This function gives operation priority to black & white mode or slow shutter mode depending on the subject brightness. (factory default: NORMAL) COLOR : Slow shutter mode takes operating precedence. When a moving subject is photographed, the picture is like the one shot during camera movement, but can be viewed in color. MOTION: Black & white mode takes operating precedence. Even if a moving subject is photographed, clear pictures can be provided. NORMAL : Balanced black & white mode and slow shutter operation. ON : Turns on black & white mode, and always provides black and white pictures. OFF : Turns off black & white mode and always provides color pictures.

AUTO FOCUS	ONE PUSH/STOP AF/ CONTINUOUS	(Factory default: ONE PUSH) ONE PUSH: Auto focusing is operated when the Auto-focus key is pressed. STOP AF : Auto focusing is automatically operated after the camera scene or angle of view has been changed. The STOP AF function does not work when the Focus key is used. Pressing the Auto-focus key again will put the camera in the STOP AF mode. CONTINUOUS: The Auto-focus function is always operated. However, it cannot be used after preset playback (including Home Position). In this event, the Auto-focus function can be used through manual operations. Also, the Auto-focus function cannot be used if the Auto-focus key is pressed, and can be used if the Auto-focus key is pressed again.
AGC	AUTO/MAX/OFF	(Factory default: Auto) AUTO: Automatically adjusts the gain depending on the subject's brightness level. OFF : Disables the automatic gain control function. MAX : Used when the subject brightness is insufficient when in AUTO mode.
SLOW SHUTTER	X32/OFF/X2/X4/X8/X16	(Factory default: X32) The camera is automatically placed in slow shutter mode depending on subject brightness. The Slow Shutter function cannot be used when set to OFF.
SHUTTER SPEED	NORMAL/ 1/100 / NT : 1/120 (PL : 1/150) / 1/250 / 1/500 / 1/1000 / 1/2000 / 1/4000 / 1/10000	The shutter speed can be fixed. (Factory default: NORMAL)
E-ZOOM	X12/X8/X4/X2/X12CONT/ X8CONT/X4CONT/X2CONT/ OFF	Electronic Zoom is used to enlarge the view of the subject more than is possible with normal optical zoom. A maximum enlargement can be set for the Electronic Zoom. It is also possible to set the zoom to stop for a moment before switching from optical to electronic zoom. (factory default: X12) OFF : Turns the Electronic Zoom function off. X2, X4, X8, X12 : Engages the Electronic Zoom function. The numbers indicate the maximum electronic zoom enlargement. When the Zoom key (telephoto) is pressed and held, zooming stops for a moment before switching to electronic zoom. Pressing the Zoom key (telephoto) again continues the image enlargement via Electronic Zoom. X2 CONT, X4 CONT, X8 CONT, X12 CONT : Engages the Electronic Zoom function. The numbers indicate the maximum electronic zoom enlargement. When the Zoom key (telephoto) is pressed and held, zooming switches from optical to electronic zoom without stopping so that the zooming proceeds continuously until it reaches the maximum enlargement.
ENHANCER	9steps	The Enhancer function enhances the contours within the camera image. It may be adjusted to suit user preferences.
CHROMA	9steps	The chroma may be adjusted to suit user preferences.

SYNC	INT/LL – NT60Hz:00-82/PL50Hz:00-99	The camera's sync system can be switched to the system that uses the power frequency. It is also possible to adjust the phase. (Factory default: INT.) INT: Represents the internal sync system. Select this setting when only a single camera is used and it is not necessary to synchronize it with other camera. LL : Represent the power sync system. Select this setting when synchronizing 2 or more cameras using the power frequency. Note that when the screen is switched by the sequential switcher, etc., the picture may be distorted depending on the camera installation conditions, such as the distance to the power source. In such cases, adjust the phase to prevent the picture distortion from occurring. The phase can be adjusted in 83 − step ranging from "00" to "82" for NTSC system and in 100 – step ranging from "00" to"99" for PAL system.
EIS (*3)	OFF/ON1/ON2	Screen vibrations can be reduced. (Factory default: OFF) OFF: No image stabilization performed. ON1: Use this mode for relatively quick screen vibration. ON2: Use this mode for relatively slow screen vibration.
SENSITIVITY (*3)	OFF/ON	This function increases sensitivity. Selecting ON doubles the sensitivity. (Factory default: OFF)
RESET (CAM SETTING)	NO/YES	Settings of each item on the Camera Setting screen can be reset and returned to initial status set by the factory.

CAMERA SETTING (POS)

IMAGE	COMMON/SCENE1-10	Changing arbitrary position picture quality using the Scene function.
W.B. **BACKLIGHT** **BRIGHTNESS** **DAY/NIGHT** **SHUTTER SPEED** **AGC** **SLOW SHUTTER** **ENHANCER** **CHROMA**	Setting procedures and option contents are the same as those of "Camera Settings".	Such picture quality settings as white balance, backlight compensation, brightness, day & night, shutter speed, AGC, slow shutter, enhancer, and chroma can be preset and stored for up to 10 different scenes (1–10). Picture quality can be changed by selecting one of the preset 10 scenes at each individual position.
LOCATION	COMMON/PATTERN1-10	Changing the ID display position for arbitrary camera position using the Pattern function.
ADDRESS **CAMERA** **POSITION** **TOUR** **HOME** **ALARM** **SECTOR** **AUX** **ANGLE DISP** **ZOOM DISP** **DATE DISP** **TIME DISP** **PATTERN CLEAR**	Setting procedures and option contents are the same as those of "ID Display Position Settings".	All ID display positions can be preset and stored in 10 different patterns (1–10). All ID display positions can be changed by selecting one of the 10 patterns at each individual position.
PRESET MEMORY		

AUTO MODE

AUTO KEY	AUTO PAN/SEQUENCE/ TRACE1-2/TOUR1-16	One of the following 5 automatic functions can be assigned to the Auto key: (factory default: AUTO PAN) AUTO PAN: Auto Pan operation begins when the Auto key (or Auto Pan key) is pressed. SEQ : Sequence operation begins when the Auto key (or Auto Pan key) is pressed. TRACE1 : Trace 1 operation begins when the Auto key (or Auto Pan key) is pressed. TRACE2 : Trace 2 operation begins when the Auto key (or Auto Pan key) is pressed. TOUR1-16 : Tour operation begins when the Auto key (or Auto Pan key) is pressed.
AUTO PAN		The Auto Pan function horizontally moves (pans) the camera between set 2 points.
OPTION	REVERSE/SKIP/RANDOM/ PIVOT	Set the Auto Pan operations. (factory default: REVERSE) REVERSE: Setting both the left and right limits in the Auto Pan limit setting causes the camera to automatically pan between the 2 set points. SKIP : If both the left and right limits are set in the Auto Pan limit setting, the Auto Pan operation begins after returning from an endpoint to a start point. If, for example, the Auto Pan rotation direction is set for right, after the intermediate panning point between the left and right limits is first played back, the camera automatically pans in the right direction. As soon as the camera reaches the right limit, it is instantly returned to the left limit to begin the Auto Pan operation toward the right limit again. RANDOM: The camera repeats pan and stop operation between two predetermined points at random timing. PIVOT : After panning for a distance equal to the horizontal lens view angle, the camera stops for a set period of time and then again rotates for a distance equal to the lens view angle. This operation is repeated between the two predetermined points.
PAUSE TIME	1s/2s/3s/5s/10s/20s/30s	Setting the Auto Pan stop duration at an endpoint. (Factory default: 1s)
SPEED	7steps	Select the Auto Pan speed.
DIRECTION	LEFT/RIGHT	When the direction of Auto Pan rotation is not set, the Auto Pan camera continues to rotate only in the oneway direction and is not reversed. When either the left or right limit or both limits are set, the direction set here means the direction in which the camera first moves. (Factory default: LEFT)
LIMIT	LEFT/RIGHT	Set both the left and right limits of Auto Pan rotation. When only either the left or right limit is stored, the Auto Pan operation returns at a set point according to the setting of the direction of Auto Pan rotation, that is, the camera is reversed for every 360°rotation. When the tilting position, zoom, and focus position differ between the left and right limits, data last set are stored. In this event, an intermediate panning point between both limits, and last set tilting position, zoom, and focus position are first played back, and then the Auto Pan operation begins.
LIMIT RESET	LEFT/RIGHT	

SEQUENCE		The Preset Sequence function displays set positions of one same camera on the monitor in predetermined sequential order.
MODE	NORMAL/RANDOM/TEST	Sets the sequence order. (factory default: Normal) NORMAL: Playbacks preset-memory stored camera positions in numerical order. RANDOM: Playbacks preset memory store camera positions in random order. The stop duration for each position is determined in random order. TEST : Playbacks preset-memory stored camera positions in numerical order. The stop time for each position is set to 1 second and the sequence will be terminated after making a position circuit.
STOP TIME	10s/20s/30s/1s/2s/3s/5s	Set the interval of sequential playback duration. (Factory default: 10s)
TRACE	TRACE1/TRACE2/CLEAR1/ CLEAR2	The Trace function follows a set path.
TRACE1 PAUSE TIME **TRACE2 PAUSE TIME**	1s/2s/3s/5s/10s/20s/30s	When continuously playing back the trace operations with the Auto key (or Auto-Pan key), the stop duration interval between start position and end position of one trace operations can be set. (Factory default: 1s)
TOUR		Tour function can be operated in combination of Preset, Trace, etc.
ORDER	number 1-16	Set the operation to be programmed to each Tour Nos. 1 – 16.

Choice	Selected contents 1	Selected contents 2
***POS	SP360/SPA/SP8/SP16/SP24/ SP40/SP60/SP90/SP120/SP160/ SP240	10s/20s/30s/1s/2s/3s/5s
AUX1 ON/AUX1 OFF/ AUX2 ON/AUX2 OFF	–	–
TOUR 1 - 16	1TIME/2TIME/3TIME/4TIME/ 5TIME	–
TRACE 1 - 2	1TIME/2TIME/3TIME/4TIME/ 5TIME	–
B/W ON / B/W OFF	–	–
STOP	–	–

INSERT		Inserting operation into Tour program.
RESET		Deleting Tour Program.

ALARM

INPUT	number 1-8: OFF/ON	Of alarm inputs, designate the input number to which an alarm signal is actually connected. Unless the alarm input settings are performed, alarm is not activated even if the alarm signal is received.
REPORT	number 1-8: OFF/ON	Specify the terminal that transmits alarm input information to the controller.
ACTIVE STATE	number 1-8: CLOSE/OPEN	Specify whether to receive alarm signal information with make or break contact.

PRIORITY	number 1-8: ALARM/MANUAL/TIMER – 3s/5s/10s/15s/20s/30s/ 45s/1min	Specify whether to display the set alarm ID on the screen and forcibly execute alarm operation or give priority to operation when an alarm signal is received. ALARM : Ignores commands from the controller and starts alarm operation. MANUAL : Initiates alarm operation only while operating the initial program. TIMER : Initiates alarm operation after the preset time elapses. When the initial program is operating, alarm operations are initiated immediately.
ACTION	number 1-8: OFF/***POS/ AUX1 ON/AUX1 OFF/ AUX2 ON/AUX2 OFF/ TOUR1-16/TRACE1-2/HOME	Specify the camera's operation (Action) when an alarm signal is received.
INTERVAL	number 1-8: 3s/5s/10s/15s/20s/ 30s/45s/1min/3min/5min/LEVEL	Specify the period of time that alarm conditions are maintained when an alarm signal is received.
RESET ACTION	number 1-8: OFF/***POS/ AUX1 ON/AUX1 OFF/ AUX2 ON/AUX2 OFF/ TOUR1-16/TRACE1-2/HOME	Specify the camera's operation when alarm conditions are reset.
ALARM DATA		Alarm log recorded most recently takes precedence. Up to 16 latest logs can be displayed.
AUX		
AUX1	INITIAL STATE-OFF/ON ON STATE-CLOSE/OPEN TYPE - MOMENTARY/LATCH ON TIME - NO LIMIT/1s/2s/3s/5s/ 10s/20s/30s	The AUX1 is an open collector type contact. The controller's auxiliary switch is used to control it.
AUX2 (*2)	TYPE - MOMENTARY/LATCH ON TIME - NO LIMIT/1s/2s/3s/5s/ 10s/20s/30s	The AUX2 is a relay type contact. The controller's defroster switch is used to control it.
TIMER		
PROGRAM	number 1-16: REPEAT - OFF/DAILY/M-F/WEEKLY TIME ACTION - ***POS/AUX1 ON/ AUX1 OFF/AUX2 ON/AUX2 OFF TOUR1-16/TRACE1-2/HOME CLEAR - NO/YES	Predetermined operations can be set to be performed at preset times. Select the program from Preset Memory, Home Position Change, Auto Operation, and Contact Control. The programs can also be set for several types of operation, including "one time only," "daily preset times," and "weekly." Up to 16 programs can be set for a timer.
TIME DISPLAY	12H/24H	The time display can be set to 12-hour or 24-hour display formats.
DATE DISPLAY	MM/DD/YY, DD/MM/YY, YY/MM/DD	The date display can be set for month/day/year, day/month/year or year/month/day display formats.
ENTER TIME		Time can be set in the order of hour/ minute/ second.
ENTER DATE		The display formats of Month/Day/Year or Day/Month/Year follows the date display setting.

SUMMER TIME	OFF/ON/SET - FIRST DAY/LAST DAY	Enables summer time between 2:00 AM on the set first day of summer time and 2:00 AM on the last day. OFF: Disables summer time. ON : Enables summer time. SET: Performs summer time setting.
MANUAL		
ZOOM SCALABLE P/T	ON/OFF	Rotation speed relative to zoom ratio can be set to OFF. Select OFF when the function of reducing the rotation speed during telescopic operation is not needed.
P/T LIMIT	OFF/ON/CLEAR	Designate the pan and tilt rotation range limits. OFF : Disables rotation limits. ON : Enables rotation limits. The camera does not tilt between −90°and –185°. CLEAR: Deletes all rotation limit positions.
P/T LIMIT SETTING	LEFT/RIGHT/UP/DOWN	Set the pan and tilt rotation range.
MAX P/T SPEED	120/160/240/360/A/8/16/24/40/60/90	Set the maximum speed of panning and tilt in manual operation. The larger the figure is, the faster pan and tilt speeds. “A” : Operates at a constant speed of “25” without acceleration or deceleration.
FLIP	OFF/AUTO/MECHANICAL	This function flips the image shown on the monitor when the camera stops executing a tilt operation (rotating the camera vertically) between –90° to –185°. (Factory default : OFF) OFF : Turns the Flip function off. AUTO: Turns the Flip function on. MECHANICAL: Turns the Mechanical Flip function on. This function flips the image shown on the monitor by rotating the camera 180°in the panning direction while its tilt operation (rotating the camera vertically) is going on at the range of –90°.
UP LIMIT	ON/OFF	When the camera’s vertical rotation is set to horizontal (0°or –180°) with the joystick, the camera’s case may appear at the top of the screen, causing a dark patch. Setting this switch to the ON position limits the tilt angle, as shown at right, and reduces the amount of case visible onscreen. (Factory default : ON)
MAINTENANCE		
INITIALIZE	NO/YES	In the combination camera’s preset memory playback function, a stepping motor is controlled by open loop. Therefore, if the camera is used for long uninterrupted periods of time, the camera position may deviate from the original settings. In such cases, deviation can be corrected with re-initialization.

REFRESH	OFF/EVERY/SUN-SAT	If the camera is used for long uninterrupted periods of time, the camera position may deviate when the position is played back. In such cases, deviation can be corrected using the auto-refresh function. Also, if the camera's horizontal rotation contacts get dirty, the displayed image may become distorted or manual horizontal rotation interrupted. In such cases, the auto-refresh function cleans horizontal rotation contacts periodically. OFF : Not refreshed. EVERY : Refreshes at set time each day. SUN-SAT : Refreshes at set time and day each week.
PASSWORD	ON/OFF/SET	Set the password to be required when activating Maintenance menu screen. ON : When "ON" is selected, the Password Setting screen will be displayed when displaying the Maintenance screen. OFF: The selection of "OFF" will establish no password required when entering the Maintenance screen. SET: Displays the Password setting screen.
MOTOR POWER	OFF/ON	When the preset camera position frequently deviates from its original position, the symptom may be improved by setting the Motor Power to ON.
FACTORY PRESET	NO/YES	Used to return all settings to initial status set by the factory.
AUTO ADJUST	OFF1/OFF2/ON1/ON2	Positional deviation can be set to be automatically corrected when it occurs. Perform correction when the camera has rotated to some degree of deviation. OFF1: No automatic correction. OFF2: Displays a circle indication at the upper center of the screen if positional deviation is detected. ON1 : Automatically corrects positional deviation. ON2 : Displays a circle indication at the upper center of the screen if positional deviation is detected, and deletes the indicator when deviation is corrected.
DATA BACKUP	MAIN→BACKUP / MAIN←BACKUP	Setting data can be transferred to or read out from the backup memory. However, data cannot be backed up for Privacy Masking, alarm logs, date, and time. When setting data has been transferred from the backup memory to the main memory during repair or replacement of equipment, set the preset memory again. Since each camera's basic information is backed up in preset memory, preset positions can deviate if the data is transferred to another camera.
MOTION DETECTION (*1)	1POS/2POS/254POS/255POS	When any movement is detected within the set area, preset positions can be played back, the tour sequence is called up, or the contact opened and closed. This function is not a dedicated device for prevention of fire, etc. TOA takes no responsibility for any incidental loss or accidents. While the motion detection function is operating, certain other functions (slow shutter, day & night, Privacy Masking) cannot be used.

FUNCTION	AREA1-8 OFF/ON-L/ON-M/ON-H	Set locations for motion detection sensors. OFF : No movement detected. ON–L: Detects movement at low sensitivity. ON–M: Detects movement at intermediate sensitivity. ON–H: Detects movement at high sensitivity.
ACTION	AREA1-8 OFF/***POS/TOUR1-16/ TRACE1-2/ALARM1-8/ AUX1 ON/AUX1 OFF/ AUX2 ON/AUX2 OFF	Set operations that will take place when sensors are activated. OFF : No operation. ***POS : Presets to the designated position. TOUR1–16: Activates the selected camera's Tour sequence. TRACE1, TRACE2: Activates selected trace functions. AUX1 ON, AUX1 OFF, AUX2 ON, AUX2 OFF : Performs specified operations at specified contact numbers. ALARM1–8: Activates the alarm and performs the same operation as when an alarm signal is received at the specified alarm number.
PRIVACY MASK (*1)	SET/CLEAR/PATTERN	When there are locations that are required to be kept out of view in a camera scene, up to 8 of such locations can be masked out of view. Setting Privacy Masking to ON automatically disables the Auto-Flip function. Only two（C-CC564、C-CC764） or only four（C-CC574、C-CC774）masking areas can be displayed on the same screen. Depending on the masked area and its size, the number of masking areas that can be set decreases.
SET	MASK1-8	
CLEAR	MASK1-8 - NO/YES	Clearing the Privacy Masking.
PATTERN	FULL/HALF	Two different patterns are available: One is a Full pattern that completely hides the masked area and the other is a Half pattern that makes it semi-transparent.
LANGUAGE	ENGLISH/DEUTSCH/ FRANÇAIS/ITALIANO	

(*1) C-CC564 , C-CC574 , C-CC764 , C-CC774
(*2) C-CC564 , C-CC574
(*3) C-CC574 , C-CC774

HOW TO SETTING

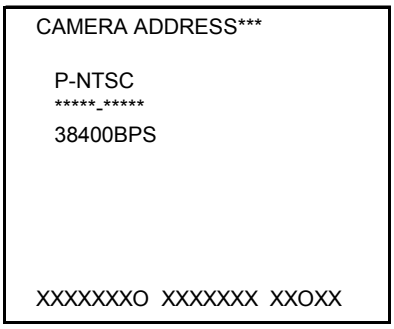
1. BEFORE SETTING

1.1. Address Display When Turning Power On

When the camera's power is turned on, the camera performs the initial operation (initializing operation) and simultaneously the camera address appears on the monitor. After the completion of initial operation and peripheral device connections, the camera can be controlled and the camera address screen will disappear.

Notes

- In the place of "***", a camera address such as "001" will be displayed.
  The area on the screen at right will flash.
- The alphabets and numeral appearing in the place of "***** - *****" of the screen are for maintenance, not the indication caused by equipment failure.



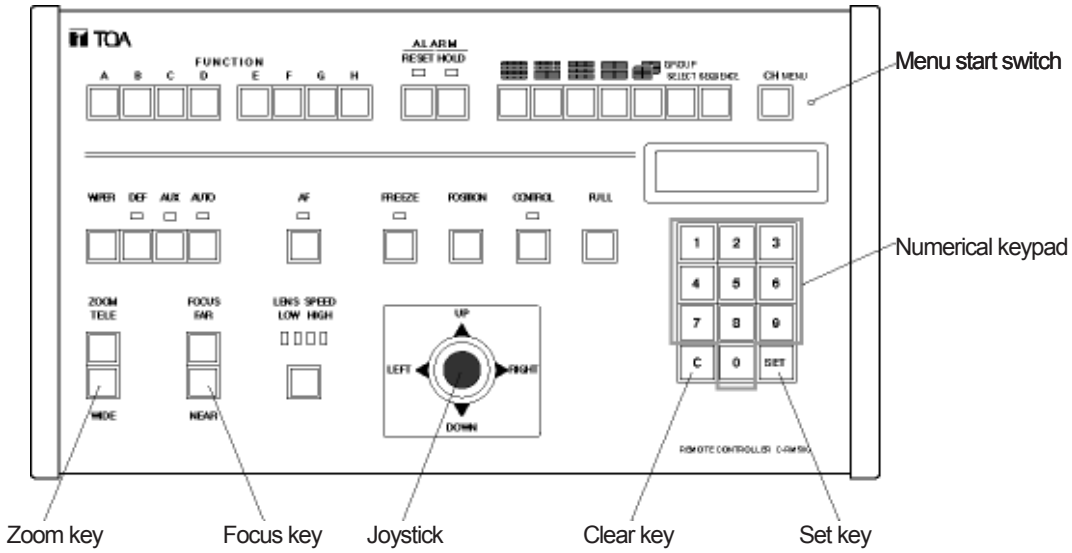
Camera address screen

1.2. Keys used to Settings

Settings can be performed by the equipment itself to be controlled or from the remote controller connected to the equipment.

Use the joystick and each key on the C-RM500.

[C-RM500 Top]



1.3. Setting Basic Operation

Menu screen to be displayed and the operation slightly differ depending on the connected equipment, however there is no difference in basic operation.
More particularly, refer to the instruction manual, operation manual or set up manual enclosed with each equipment.

Menu key
• Use the Menu Start switch to enter the menu screen or exit the menu screen.
• Press the Menu Start switch to exit the menu screen in any screen status.

Joystick key
• Tilt the joystick upward or downward to move the cursor position on the setting items.
• Tilt the joystick left or right to change the setting contents.
• Used to rotate the camera when performing preset settings or Auto Mode camera settings.

Set key
Press the Set key to determine the setting items or setting contents, moving the cursor or to the next setting, followed by screen change.

Clear key
• Press the Clear key to return the screen from the current screen (or status) to the last previous screen (status).
• Used to correct figures entered.

Numerical keypad
Used to enter camera number and camera position number.

Zoom key
Used to perform preset and zoom operation settings.

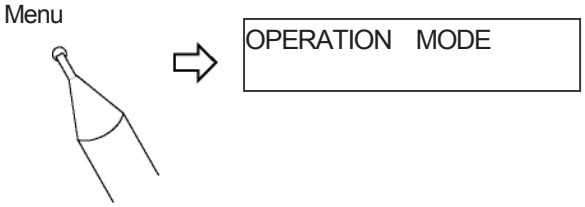
Focus key
Used to perform preset and focus operation settings.

[Operation Method]

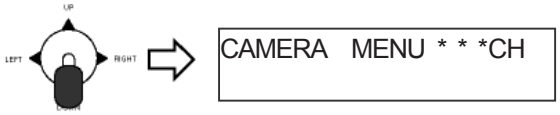
	C-RM500
Menu Screen Display Menu Screen Exit	Menu Start switch
Setting contents Change	Tilt joystick upward/ downward/ left/ right
Setting item selection	Tilt joystick upward/ downward/ left/ right
Setting item determination	Set key
Returning setting screen	Clear key
Figure clear	Clear key
Camera number setting Position setting	Numerical Keypad
Zoom setting	Zoom key
Focus setting	Focus key

2. ENTERING CAMERA MENU SCREEN

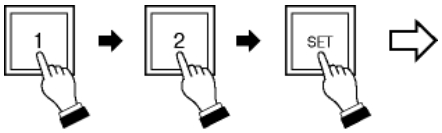
1. Press the Menu key. (When a password is required, enter it with the numerical keypad.) The menu screen is displayed on the remote controller's liquid crystal display.

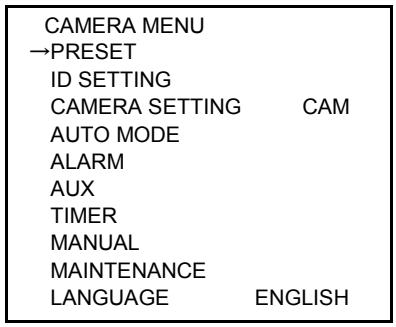


2. With the joystick, select "CAMERA MENU" and press the Set key.
   The display is placed in the standby mode for the entry of a camera number to call up the camera menu.



3. Enter the camera number with the numerical keypad, and press the Set key. The liquid crystal display shows the selected camera's camera menu screen.





Camera menu screen

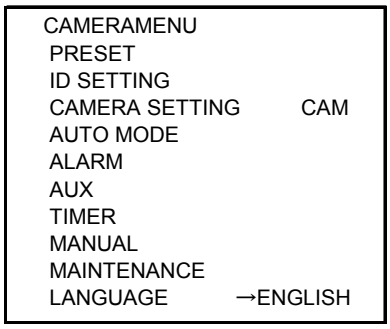
4. Select the desired item with the joystick, and perform the required settings on each setting screen.

3. SELECTING THE LANGUAGE

The language to be displayed on the screen can be selected among English, German, French and Italian.
(Factory default: English)

1. Select "LANGUAGE" on the Camera Menu screen with the joystick, then press the Set key.
   he arrow (→) moves to “ENGLISH” (factory default).

2. Select "ENGLISH," "DEUTSCH," "FRANÇAIS," or "ITALIANO" with the joystick, then press the SET key. The screen switches to the Menu screen of the selected language.



Language selecting screen

4. SETTING PRESETS

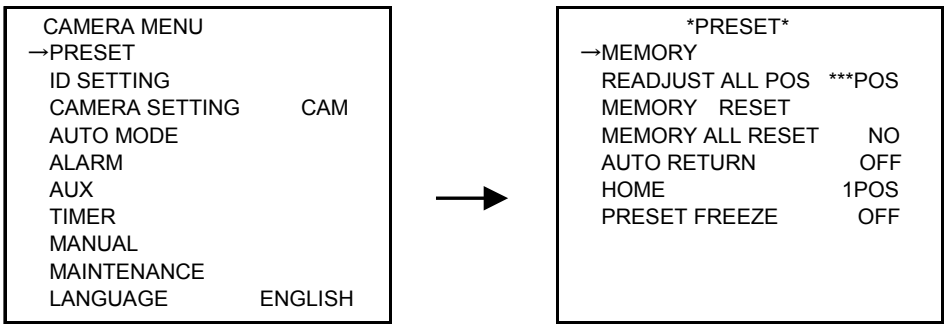
Settings such as camera direction, lens angular field of view, and focus can be preset in advance. Up to 255 positions can be set.

4.1. Entering Presets into the Memory

Note

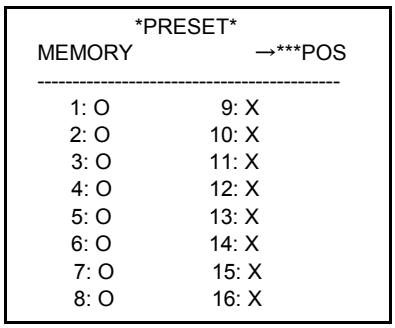
Positions cannot be preset in the electronic zoom range or in flip mode.
Presetting is possible only for parts other than the electronic zoom or when the Flip function has been disabled. It is recommended that the Auto-Flip function be temporarily turned off when entering presets into the memory of the C-CC564, C-CC574, C-CC764 or C-CC774.

1. Select “PRESET” on the camera menu screen and press the Set key.
   The Preset Settings screen is displayed.



Camera menu screen　　Preset setting screen

2. Select “MEMORY” and press the Set key.
   The arrow key (→) moves in the place of “***” .



Preset memory screen

3. Enter the camera position number with the numerical keypad, and press the Set key. The place of “***” shows the input camera number.

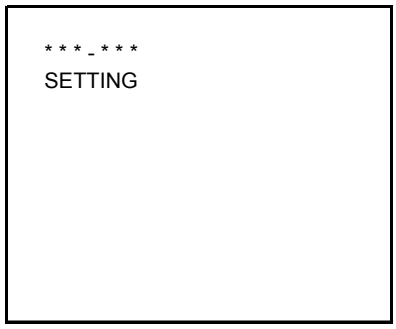
   Note: Positions between 1 and 255 can be set.

4. Press the Set key.
   The position setting screen (the selected camera image) is displayed.

   Note
   "*** – ***" on the first line of the Setting screen indicates the camera number on the left and the position number on the right.

5. Operating the joystick, Zoom key, and Focus key, move the camera to the desired position, then press the Set key.

6. Operate the joystick, Zoom key, and Focus key further more to fine adjust, then press the Set key.
   The designated camera position for preset memory is performed.



Preset memory setting screen



Preset memory fine setting screen

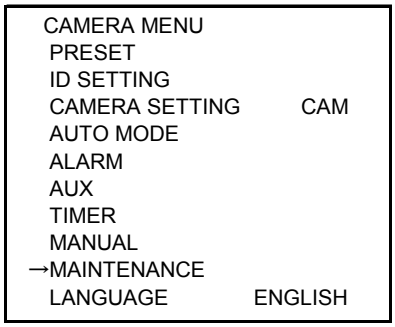
5. MAINTENANCE SETTINGS

This menu is used to control functions as well as to display information required during installation or maintenance.

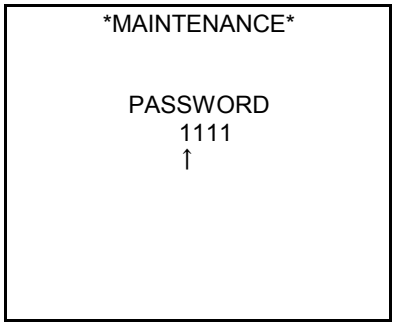
1. Select “MAINTENANCE” on the Camera Menu screen, then press the Set key.

2. Change the portion pointed by the arrow (↑) with the password (figures) with the joystick, then press the Set key. The arrow (↑) moves to place to the right.

3. Repeat Step 2 to enter 4-digit password, then press the Set key. Pressing the Set key displays the Maintenance screen. (factory default password: 1111)



Camera menu screen



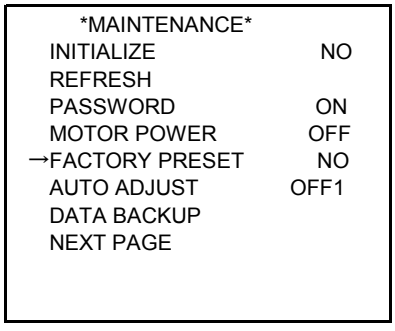
Password entry screen

6. RETURN ALL SETTINGS TO INITIAL STATUS SET BY THE FACTORY

Used to return all settings to initial status set by the factory.

1. On the Maintenance screen, select “FACTORY PRESET”, then press the Set key.

2. Select “YES” with the joystick, then press the Set key. Pressing the Set key starts memory clear, displaying “Memory Clearing” in the screen. Camera Menu screen will be displayed when Memory Clearing has been terminated.



Maintenance Setting screen

Ver. 1.02

TOA Corporation