On Screen Menu

Operation Manual
of IPC PTZ Type Camera

U D P
Technology

Table of Contents

1. INTRODUCTION

This manual is for operating OSM(On Screen Menu). The following IPC camera supports OSM.

IPC4100 : IPC4100A-25D, IPC4100A-23
IPC4500 : IPC4500A-25D, IPC4500A-23, IPC4501A-25D, IPC4501A-23

2. PROGRAM & OPERATION

2.1. Getting Started

Once installed apply power to the dome camera. The dome camera will start a configuration sequence. When configuration is done, the following information is displayed.

```
---- CYBERSCAN DOME -----
S/N
DOME ID           : 0001
CAMERA TYPE : 25XDN/NTSC
S/W VERSION      : V1.94DE3QE
PROTOCOL         : CYBERSCAN I
COMM MODE       : RS-485/09600
BAUD RATE        : 9600
```

```
---- CYBERSCAN DOME -----
S/N
DOME ID           :  0001
CAMERA TYPE : 25XDN/NTSC
S/W VERSION      : V1.43
INIT.PAN        [OK]
INIT.TILT…      [OK]
INIT.CAMERA [OK]
```

```
                  ↓01    2m   Z001 ID : 0001
    F                     N 000.00, 000.00
```
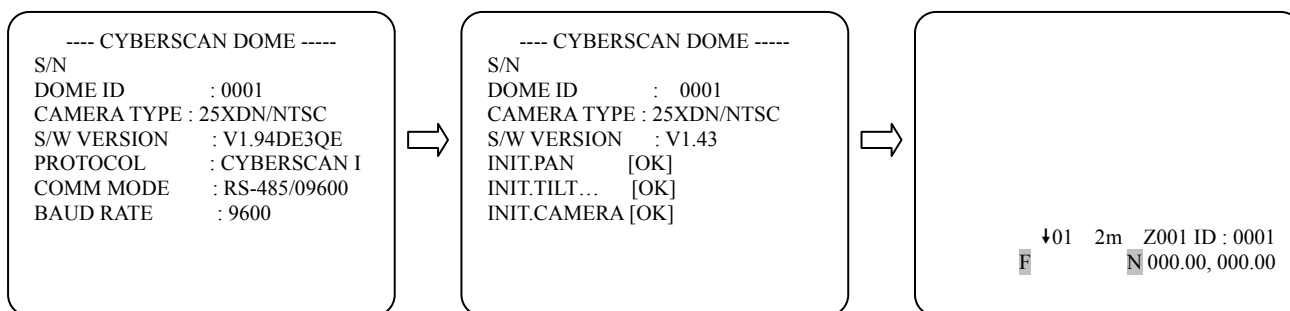
* This screen shows the system info of
  current dome setting

2.2. Joystick Controller Unit & Control Panel on Webpage
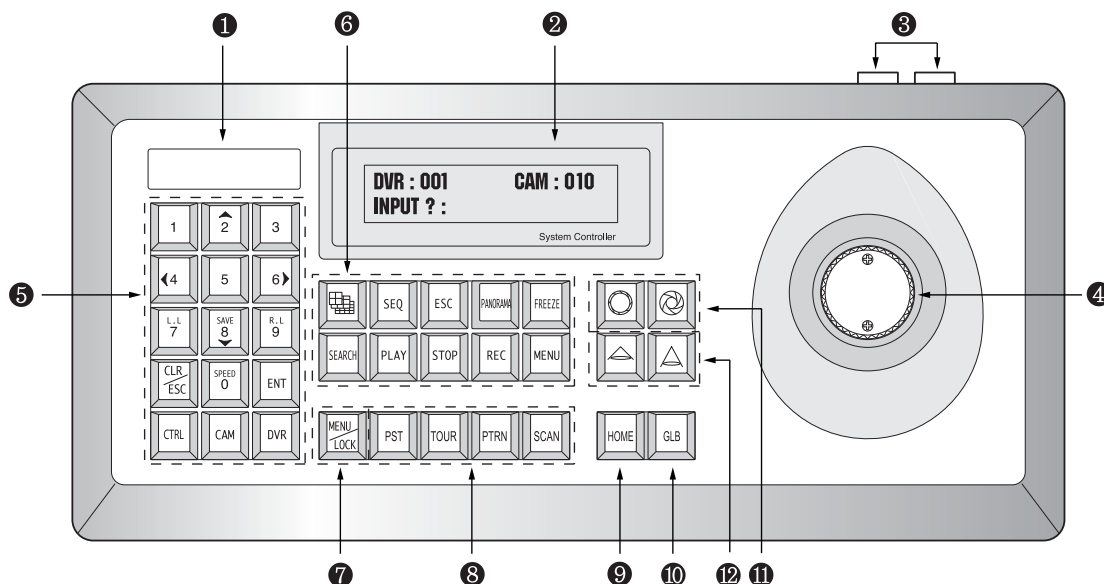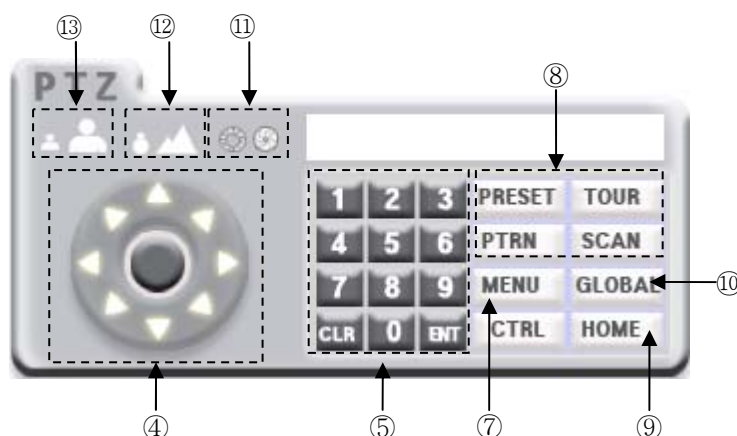
Figure 1. Joy Stick Controller

① Brand Logo	⑧ *PRESET*/*TOUR*/*PATTERN*/*SCAN* Button
② LCD Window	⑨ *HOME* Button
③ RJ-45 Jack	⑩ *GLOBAL* Button
④ Joy Stick / Direction Button	⑪ *IRIS Open*/*Close*
⑤ *NUMERIC* Button	⑫ *Focus Near*/*Far*
⑥ DVR Control Keypad	⑬ *Zoom In/Out*
⑦ *MENU*/ *LOCK* Button	Twist the joystick clockwise : TELE (Zoom In)
	counter clockwise : WIDE (Zoom Out)

2.3. Selecting Dome Camera

Before you program or operate a dome camera, you must select the dome camera by pressing the dome camera NO (*NUMERIC* Button) + *CAM*

Example: Pressing *1*, *0* and *CAM* sequentially will select the dome camera 10. The selected dome camera ID will be displayed on the LCD window of the joystick controller.

2.4. Accessing On-Screen Menu Utility

You can call up the On-Screen menu utility on your monitor by pressing *MENU/LOCK* on the joystick controller, the following On-Screen utility will appear.

2.4.1. How to control On-Screen Menu Utility

Action	Function
NUMERIC Button	Call on On-Screen Menu Utility or Exit(Escape).
Joystick left or right	a. Go into the sub-menu items. b. Execute the command (exit). c. Navigate through the menu items.
Joystick up or down	Navigate through the menu items.

Zoom Handle twist Or *TELE / WIDE*	Change value.
CTRL + Joystick	Change value of angle/Zoom ratio.
CLR/ESC	Move to the previous mode.
ENT	Save & Exit.

2.4.2. Main Menu of the Cyber Scan Pre-Pack Dome Camera

```
HOME

SYS INFO

DISPLAY ——— AREA TITLE
             PRIVACY ZON
             OSD DISPLAY
             VIEW ANGLE
             POSITION

DOME SETUP ——— HOME/PRESET
               AUTOSCAN
               TOUR
               PATTERN

ALARAMS

CAMERA ——— FOCUS
           WB CONTROL
           AE CONTROL
           LINE LOCK
           SCREEN SETUP
           DIGITAL EFFECT
           DAY & NIGHT

CONFIG ——— INIT DATA
           DOME RESET
           GENERAL

LANGUAGE ——— ENGLISH
             PYCCKNN
             DEUTSCH
             ALLEMAND
             ESPANOL
             ITALIANO
             POLSKI
             PORTUGUES

EXIT
```
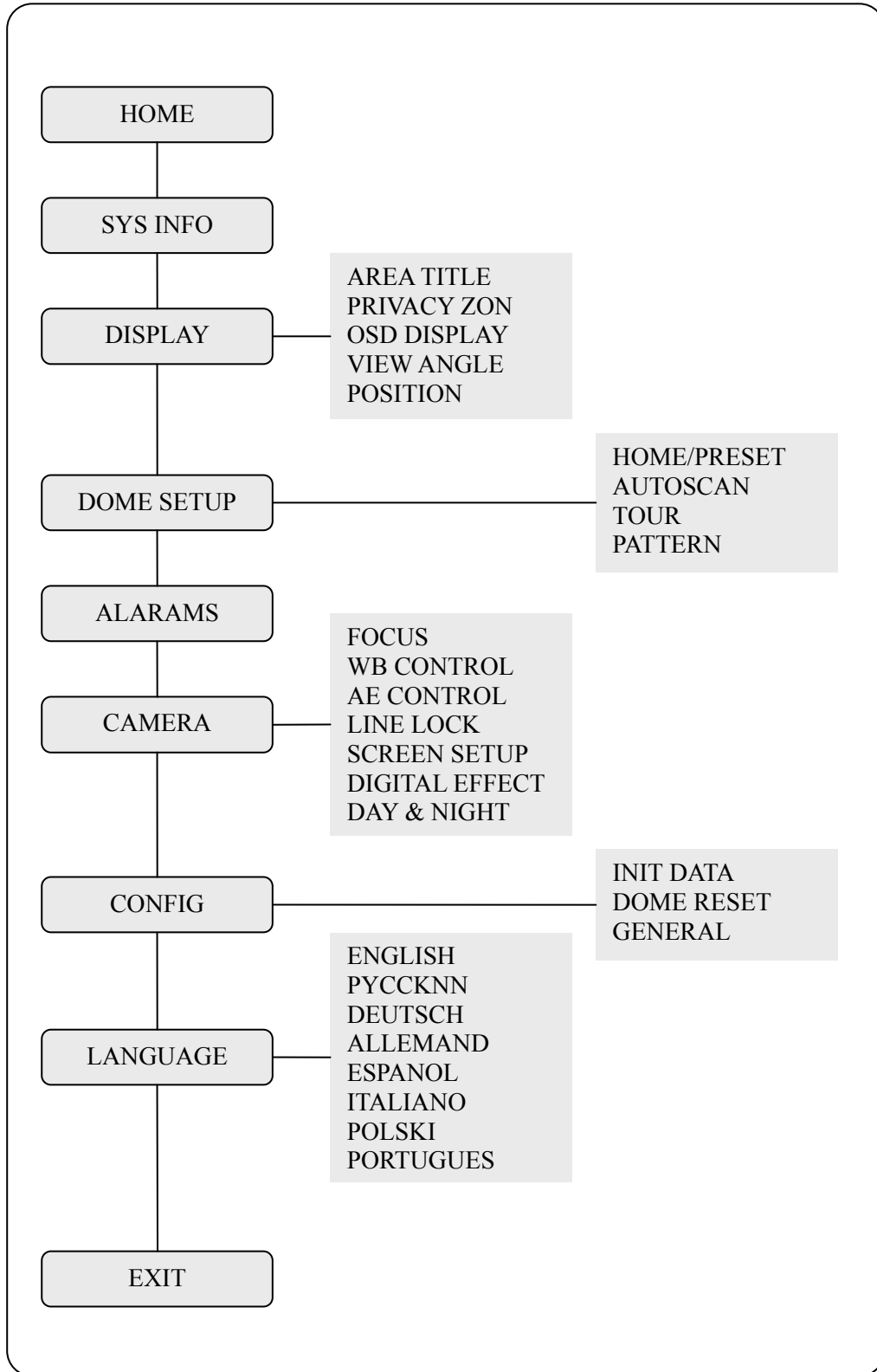
2.5. HOME

Press **MENU/LOCK** to display the main menu on the monitor.

Note : If you want to go previous menu, please press **CLR/ES**C. To exit main menu without saving, please press **MENU/LOCK**. To exit after saving, please press **ENT**. (Cyber Scan protocol only)

```
  ----- CYBER SCAN DOME -----
HOME
SYSINFO
DISPLAY         ▷
DOME SETUP   ▷
ALARMS
CAMERA         ▷
CONFIG          ▷
LANGUAGE     ▷
EXIT
```

Press **ENT** or Push the joystick to the right

```
◄◄HOME FUNCTION SETUP►►
----------------------------------------------
HOME FUNCTION      : HOME
FUNCTION NUMBER :
FUNTION TIME(SEC) :   120
FUNTION MODE      : AUTO
----------------------------------------------
        SAVE       EXIT
```
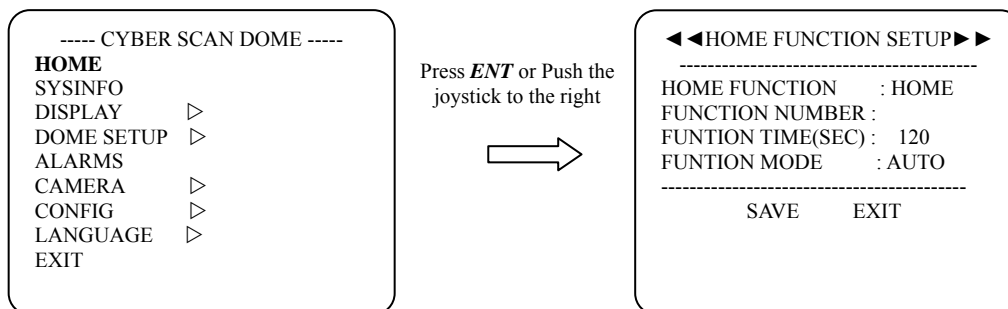
The HOME function can be set so that the camera automatically goes to Preset, Tour or Pattern, after the joystick controller has been idle for amount of time. For example, if the joystick controller is idle for 120 seconds (Function Time), the camera goes to previous mode in Auto Mode.

Follow these steps to program the Home Function:
1. Select the Home Function by pressing **PST**, **TOUR**, **PTRN**, **SCAN** or twisting joystick to scroll through the Home, Preset, Tour and Pattern functions. (You can setup only saved Preset, Tour, Pattern and Auto Scan)

2. After selecting the Function Number, move the Function Number. Each function has maximum numbers. For example, you can have 319 Presets, 8 Tours, 4 Patterns and 8 Auto Scan options. (You can call only saved items)

3. Select Function Time by twisting the joystick. Select the time by twisting the joystick clockwise or counterclockwise to select from 10 to 240 seconds.
When the Home is activated, you can see T.TIME on the top of the right screen.

4. Auto Mode: If user does not give a command to the camera for 120 sec (Function Time), the camera automatically carries out Home Function.
Manual Mode: User need to press **HOME** to make Home Function work.

2.6. SYS INFO

A Camera's Set Up menu provides essential information about the dome camera. When you see the screen, you can determine the camera type, software version.

Press **MENU/LOCK** to display the main menu on the monitor.

```
  ---- CYBER SCAN DOME ----
  HOME
  SYSINFO
  DISPLAY        ▷
  DOME SETUP     ▷
  ALARMS
  CAMERA         ▷
  CONFIG         ▷
  LANGUAGE       ▷
  EXIT
```

Press **ENT** or Push the
joystick to the right.

⇒

```
  ◄◄SYS INFORMATION►►
  --------------------------------------------
  S/N
  DOME ID        : 0001
  CAMERA TYPE : 25XDN/NTSC
  S/W VERSION   : V1.43
  PROTOCOL      : CYBERSCNA I
  COMM.MODE    : RS485/0900
  -----------------------------------------
  ▪ EXIT : [CLR/ESC][F.FAR]KEY
```
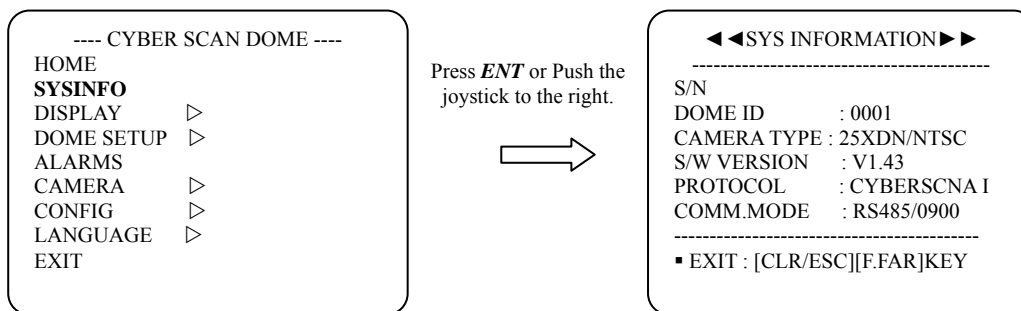
2.7. DISPLAY

Note : If you want to go previous menu, please press **CLR/ESC**. To exit main menu without saving, please press **MENU/LOCK**. To exit after saving, please press **ENT**. (Cyber Scan protocol only)

2.7.1. AREA TITLE

If this option is enabled, the nearest area title will be displayed when the camera is moving whether by manual operation, Auto Scan or Pattern. Select ON/OFF by twisting the joystick or press **TELE / WIDE**. The dome camera's [OSD DISPLAY/AREA TITLE] will override this function (Camera's [OSD DISPLAY/AREA TITLE] must be ON.)

```
       CYBERSCAN PRE PACK
  HOME
  SYSINFO       AREA TITLE
  DISPLAY     ► PRIVACY ZONE
  DOME SETUP  ▷ OSD DISPLAY
  ALARMS        VIEW ANGLE
  CAMERA      ▷ POSITION
  CONFIG
  LANGUAGE
  EXIT
```

Press **ENT** or Push the
joystick to the right

⇒

```
  ◄◄AREA TITLE SETUP►►
  ----------------------------------------------------
  NO.001        :
  START(PTZ) : 000.00
  END   (PTZ) : 000.00
     12345679
  00▮======
  ----------------------------------------------------
       SAVE      EXIT
  ▪PRESS[TELE] KEY TO SETUP
  ▪PRESS[WIDE] KEY TO CLEAR
```

① Select No.

② Title

Press **Zoom Out** or
Twist the joystick
clockwise(TELE)

⇒

```
  ◄◄AREA TITLE SETUP►►
  ----------------------------------------------------
  NO.001        :
  START(PTZ) : 000.00
  END   (PTZ) : 000.00
     12345679
  00●======
  ----------------------------------------------------
       SAVE      EXIT
  ▪PRESS[TELE] KEY TO SETUP
  ▪PRESS[WIDE] KEY TO CLEAR
```

Press **IRIS Open**,
IRIS Close, or
Push the joystick to
the right

⇒

```
  TITLE : ▮
        ABCDEFGJIJKLMNOP
        QRSTUVWXYZabcdefg
        hijklmnopqrstuvwx
        yz0123456789-+()=
  ▪SELECT CHARACTER : MOVE
  ▪TITLE POSITION : [CTRL] + MOVE
  ▪SET CHARACTER : CLOCKWISE
  ▪CLEAR:COUNTER CLOCKWISE
  ▪SAVE : [HOME][ENT][F.NEAR]KEY
  ▪EXIT:[CLR/ESC][F.FAR]KEY
```

③ Start/End

```
    ◀◀AREA TITLE SETUP▶▶
-----------------------------------------
NO.001        :
START(PTZ) : 000.00
END  (PTZ) : 000.00
   12345679
00●======
-----------------------------------------
     SAVE    EXIT
▪PRESS[CTRL]KEY + MOVE
```

Press *CTRL*
and Push the joystick
to the up/down, left/right

```
    ◀◀AREA TITLE SETUP▶▶
-----------------------------------------
NO.001        :
START(PTZ) : 353.82
END  (PTZ) : 079.17
   12345679
00●======
-----------------------------------------
     SAVE    EXIT
▪PRESS[CTRL]KEY + MOVE
```

2.7.2. PRIVACY ZONE

Hide up to 8 unwanted views.

① Select No.

```
   ---- CYBER SCAN DOME ----
HOME
SYSINFO        AREA TITLE
DISPLAY      ▶ PRIVACY ZONE
DOME SETUP   ▷ OSD DISPLAY
ALARMS         VIEW ANGLE
CAMERA       ▷ POSITION
CONFIG
LANGUAGE
EXIT
```

Press *ENT* or Push the
joystick to the right

```
    ◀◀PRIVACY ZONE SETUP▶▶
-----------------------------------------
NO.001        :
MODE       : DISABLE

   12345679
00======
-----------------------------------------
     SAVE    EXIT
▪PRESS[TELE] KEY TO SETUP
▪PRESS[WIDE] KEY TO CLEAR
```

② Title

Twist the joystick
clockwise(TELE)

```
▪PRESS[CTRL]KEY+MOVE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

Press *HOME*
or *ENT*

```
    ◀◀PRIVACY ZONE SETUP▶▶
-----------------------------------------
NO.001        :
MODE       : DISABLE

   12345679
00●======
-----------------------------------------
     SAVE    EXIT
▪PRESS[TELE] KEY TO SETUP
▪PRESS[WIDE] KEY TO CLEAR
```

③ Mode : Disable/Block/Video Off
* DISABLE : Not active
* BLOCK : Blue Block (Day & Night OFF)
          White Block (Day & Night ON)
* VIDEO OFF : No picture (Blue Block)

③ Mode : Disable/Block/Video Off
* DISABLE : Not active
* BLOCK : Blue Block (Day & Night OFF)
　　　　　　　White Block (Day & Night ON)
* VIDEO OFF : No picture (Blue Block)

Press *IRIS Open*,
IRIS Close, or
Push the joystick
to the right
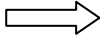
⇨

```
TITLE : █
      ABCDEFGJIJKLMNOP
   QRSTUVWXYZabcdefg
   hijklmnopqrstuvwx
   yz0123456789-+()=
▪SELECT CHARACTER : MOVE
▪TITLE POSITION : [CTRL] + MOVE
▪SET CHARACTER : CLOCKWISE
▪CLEAR:COUNTER CLOCKWISE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

Press *HOME*
or *ENT*

⇨
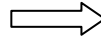
```
◄◄PRIVACY ZONE SETUP►►
-------------------------------------------------
NO.001        :
MODE          : BLOCK

    12345679
00●══════
-------------------------------------------------
      SAVE       EXIT
▪PRESS[TELE] KEY TO SETUP
▪PRESS[WIDE] KEY TO CLEAR
```

Twist the joystick
clockwise/counter
clockwise

⇨
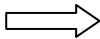
```
◄◄PRIVACY ZONE SETUP►►
-------------------------------------------------
NO.001        :
MODE          : VIDEO OFF

    12345679
00●══════
-------------------------------------------------
      SAVE       EXIT
▪PRESS[TELE] KEY TO SETUP
▪PRESS[WIDE] KEY TO CLEAR
```

Press ENT

⇨
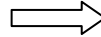
```
↓01.0m   Z001 ID : 0001
        P F ←W 259.38, 047.42
```

2.7.3. OSD DISPLAY

All display or title will be disappeared when you set all flags OFF.

```
        CYBER SCAN DOME                          ◄◄OSD DISPLAY SETUP►►
 HOME                          Press ENT or Push the    ZOOM RATIO          : ON
 SYSINFO        AREA TITLE     joystick to the right     PAN/TILT ANGLE      : ON
 DISPLAY     ► PRIVACY ZONE                             DOME ID(ADDRESS)    : ON
 DOME SETUP  ▷ OSD DISPLAY                              DOME MODE           : ON
 ALARMS        VIEW ANGLE                               AREA/P-ZONE TITLE   : OFF
 CAMERA      ▷ POSITION                                 OPERATION TITLE     : OFF
 CONFIG                                                 FLAG DISPLAY        : ON
 LANGUAGE                                               TIME DISPLAY        : ON
 EXIT                                                   TEMPERATURE         : OFF
                                                              SAVE      EXIT
```

```
                        ①
 ③ ── AREA
       OPERATION              D.TIME:005 ── ②

 ⑩ ──
 ⑨ ──                                     ── ⑪
        C H +34.0C 10.0m D Z0501ID:0001    ── ⑥
 ④ ──  T1001  P F  ← W 259.38,047.42       ── ⑧

           ⑤  ⑫  ⑬      ⑦
```

① Area/P-Zone Title : You can see the area title. But the privacy zone title is a priority than area title.

② Time Display: D.Time/T.Time/A.Time (Dwell/Task/Alarm Time)

③ Operation Title: Preset, Auto Scan And Pattern title.

④ Dome Mode: T1(Tour1)   001(Preset 001)

⑤ Flag Display: "P"/"F" (Privacy/Flip on)

⑥ Zoom Ratio: When the camera is digital zoom, you can see "D" signal.

⑦ Pan/Tilt Angle: This will show you the position of camera.

⑧ Dome ID(Address) : Standard is 999.

⑨ Cooler/Heater Display:"C" / "H" (Cooler/Heater On)

⑩ Temperature: Displays current temperature of the dome.

⑪ CELSIUS/FAHRENHEIT Display

⑫ Distance to the object.

⑬ East/West/South/North. Indicates current pan direction.

2.7.4. VIEW ANGLE

When the dome camera is installed near wall, panning range could be programmed by user.

```
        CYBER SCAN DOME
HOME
SYSINFO          AREA TITLE
DISPLAY        ▶ PRIVACY ZONE
DOME SETUP    ▷ OSD DISPLAY
ALARMS           VIEW ANGLE
CAMERA        ▷ POSITION
CONFIG
LANGUAGE
EXIT
```

Press *ENT* or Push the joystick to the right

```
   ◀◀VIEW ANGLE SETUP▶▶
-----------------------------------------------
FLIP [ON/OFF]            : ON
OVERTILT[ON/OFF]        :
PAN LIMIT[ON/OFF]       :
PAN RIGHT LIMIT         :
PAN LEFT LIMIT          :
MIRROR/REVERSE         : OFF
-----------------------------------------------
         SAVE        EXIT
```
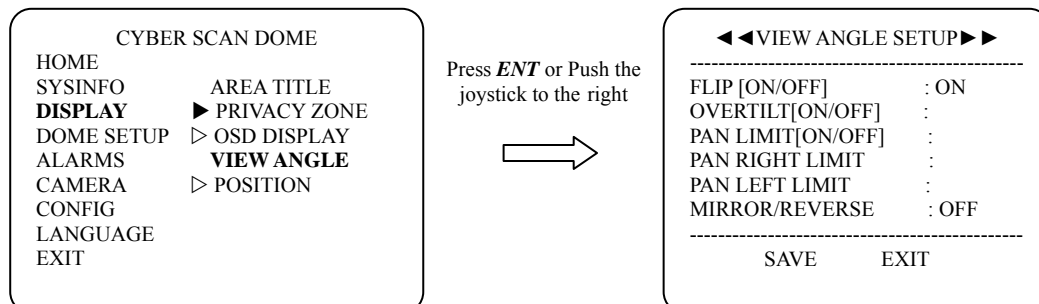
① Flip
Allow the dome camera to automatically turn 180 degrees when the camera tilts to its lower position. When camera reaches floor alone moving object, it will stop. Just hold the joystick handle (up or down direction) down to run the flip function. When Flip function is turned on, "F" flag is displayed at the bottom line.

② PAN Limit(ON/OFF) : OFF
When the dome camera is installed near the wall, PAN LIMIT could be programmed by user.
* In case of FLIP Off, PAN LIMIT is available.

③ MIRROR/REVERSE
OFF : Normal image
H - MIRROR : Left-right reversal of the image
V - MIRROR : Upside down image
REVERSE : Left-right reversal and Upside down

2.7.5. POSITION

If the Cyber Scan OSD is overwritten on the other equipment like DVR, you can move the OSD horizontally and/or vertically.

```
        CYBER SCAN DOME
HOME
SYSINFO          AREA TITLE
DISPLAY        ▶ PRIVACY ZONE
DOME SETUP    ▷ OSD DISPLAY
ALARMS           VIEW ANGLE
CAMERA        ▷ POSITION
CONFIG
LANGUAGE
EXIT
```

Press *ENT* or Push the joystick to the right

```
   ◀◀OSD POSITION SETUP▶▶
-----------------------------------------------
HORIZONTAL POSITION    : 27
VERTICAL POSITION       : 04
-----------------------------------------------
         SAVE        EXIT
```
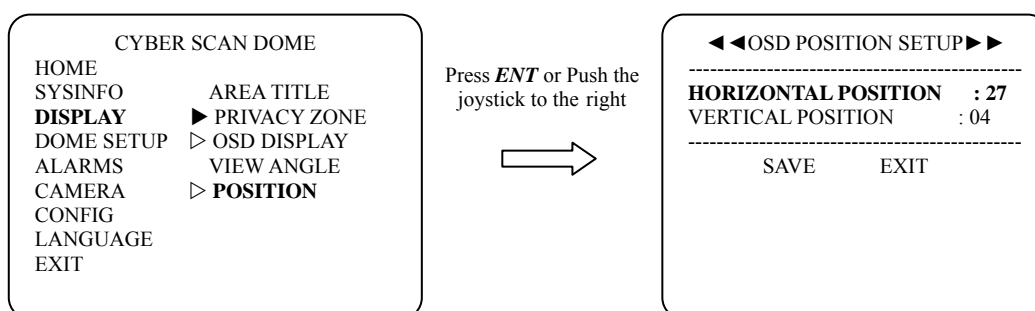
① To move the OSD horizontally, twist the joystick clockwise or counterclockwise or click *TELE* or *WIDE*.
② To move the OSD vertically, twist the joystick clockwise or counterclockwise or click *TELE* or *WIDE*..

2.8. DOME SET UP

Note : If you want to go previous menu, please press *CLR/ESC*. To exit main menu without saving, please press *MENU/LOCK*. To exit after saving, please press *ENT*. (Cyber Scan protocol only)

2.8.1. HOME/PRESET

If you need to view specific places routinely, you should program presets. A preset is a programmed video scene with automatic Pan, Tilt, Zoom and Focus and Iris settings. Once programmed, pressing *PST* on your controller automatically calls up the preset. In addition, presets may be assigned to alarm actions or as the *HOME* position for the dome camera. Max. 320 presets (HOME included), can be programmed.

There are four pages of preset menu, each page can hold 80 presets. Pages can be scrolled by pushing the joystick to the Left or Right on the first or last No. of Preset. *IRIS OPEN* or *IRIS CLOSE* can be used for Page Up & Down functions.

① Select No

```
      CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY        ▷ HOME/PRESET
DOME SETUP     ► AUTO SCAN
ALARMS           TOUR
CAMERA         ▷ PATTERN
CONFIG         ▷
LANGUAGE       ▷
EXIT
```

Press *ENT* or Push the joystick to the right

```
  ◄◄HOME/PRESET SETUP►►
NO.000       : HOME
FOCUS        : AUTO P:000.00
IRIS         :AUTO T:000.00
DWELL[SEC] : 005   Z:001
   1234567890    1234567890
00●========= 01=========
02========= 03=========
04========= 05=========
06========= 07=========
      SAVE     EXIT
```
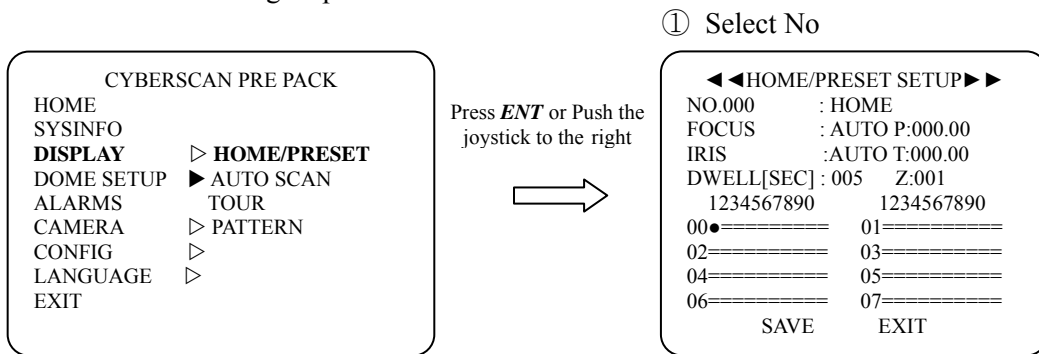
Note : Press *PST(PRESET)* to go directly to the preset menu without going through the main menu.

② Title

Push the joystick to the right and twist the joystick clockwise

```
  ◄◄HOME/PRESET SETUP►►
NO.001       :
FOCUS        : AUTO P:000.00
IRIS         :AUTO T:000.00
DWELL[SEC] : 005   Z:001
   1234567890    1234567890
00●●======= 01=========
02========= 03=========
04========= 05=========
06========= 07=========
      SAVE     EXIT
```

Press. *IRIS OPEN* / *IRIS CLOSE* or push the joystick to the right

```
TITLE :▮
   ABCDEFGJIJKLMNOP
  QRSTUVWXYZabcdefg
  hijklmnopqrstuvwx
  yz0123456789-+()=
▪SELECT CHARACTER : MOVE
▪TITLE POSITION : [CTRL] + MOVE
▪SET CHARACTER : CLOCKWISE
▪CLEAR:COUNTER CLOCKWISE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

③ Focus & Iris : Auto/Manual
④ Dwell Time : 02~240 sec
⑤ Pan/Tilt/Zoom

```
◄◄HOME/PRESET SETUP
NO.001          : HOME
FOCUS           : AUTO P:000.00
IRIS            :AUTO T:000.00
DWELL[SEC] : 005      Z:001
   1234567890      1234567890
00●●======== 01=========
02========= 03=========
04========= 05=========
06========= 07=========
     SAVE      EXIT
```

Press *CTRL* and push
the joystick to the
up/down, left/right

⟹

```
◄◄HOME/PRESET SETUP►►
NO.001          : HOME
FOCUS           : AUTO P:033.39
IRIS            :AUTO T:050.81
DWELL[SEC] : 005      Z:001
   1234567890      1234567890
00●●======== 01=========
02========= 03=========
04========= 05=========
06========= 07=========
     SAVE      EXIT
```
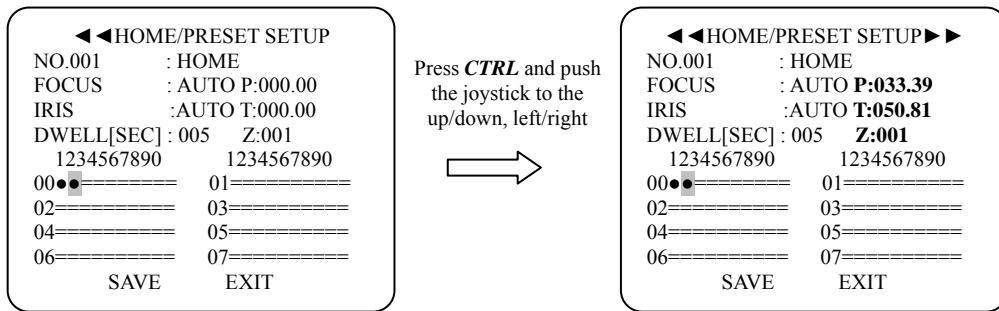
⑥ Preset Call : Input the Preset No.(1~319) and then press *PST* to call the preset.

⑦ Preset Erase : Input the Preset No.(1~319) and then press *CTRL* + *PST* at one time to erase the preset. Move the preset No. (0~319) and then press Zoom out at one time to

Note : When you create the preset, move the preset No. (0~319) and press the *Zoom in* to create the preset.

⑧ Quick Preset Setup

You can setup the preset without accessing the main menu.

Move the camera to the desired position and then press NO + *HOME*

```
                              ↓01  2m  Z001 ID : 0001
F                                N 000.00, 000.00
```

Push the joystick to the
up/down, left/right and twist
the joystick clockwise
/counterclockwise and
NO+*HOME*

⟹

```
            WRITING
              OK

                              ↓01  2m  Z001 ID : 0001
F                                N 000.00, 000.00
```
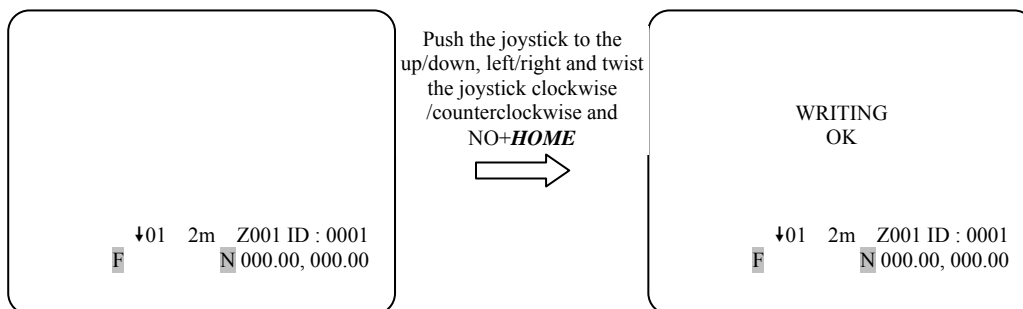
Note : If you press NO.+ *CTRL* + *HOME*, the new preset will be programmed automatically without reminding whether to rewrite or not.

⑨ Caution

If you use quick preset set up, it will overwrite the previous preset. So be careful.

```
                              ↓01  2m  Z001 ID : 0001
F                                N 000.00, 000.00
```

⟹

```
       OVERWRITE?
     YES : ENT/TELE
      NO : CLR/WIDE
```

⟹

```
       WRITING
         OK
```
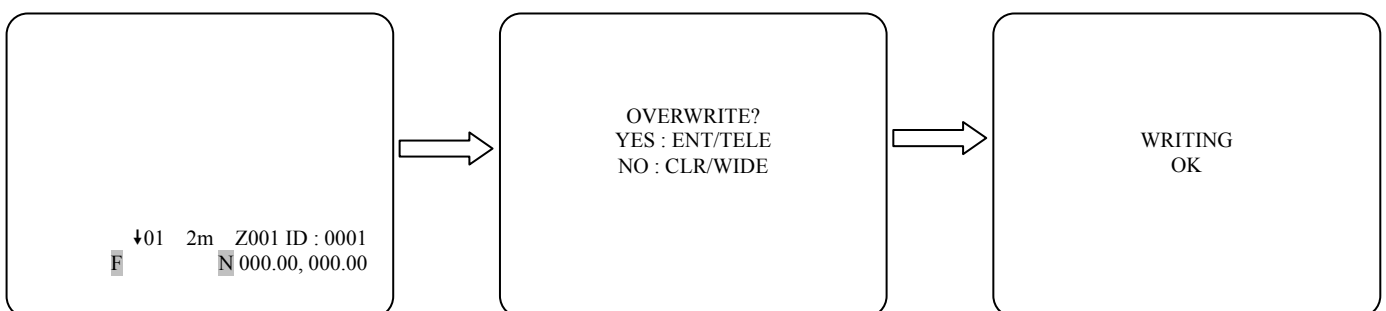
2.8.2. AUTO SCAN

This Auto Scan supports up to 8 programmed angles at user-programmable speeds. Follow these steps to program Auto Scan.

① Select No

```
    CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ HOME/PRESET
DOME SETUP   ► AUTO SCAN
ALARMS          TOUR
CAMERA       ▷ PATTERN
CONFIG       ▷
LANGUAGE     ▷
EXIT
```

Press *ENT* or Push the
joystick to the right

⟹

```
  ◄◄AUTO SCAN SETUP►►
NO. 001
MODE        : ENDLESS(LEFT)
SPEED(PTZ)  : 1
START(PTZ)  :
END  (PTZ)  :
DWELL(SEC   : 005
FOCUS/IRIS  : AUTO
     12345678
  00■=======
        SAVE    EXIT
```
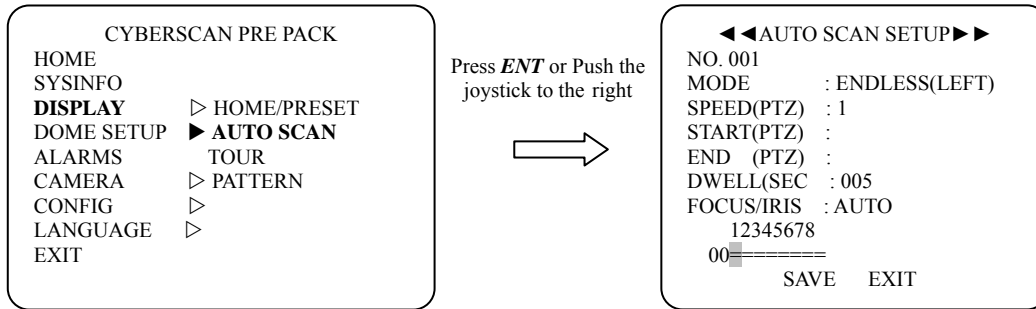
Note : Press *SCAN* to go directly to the Auto Scan menu without going through the main menu.

② Title

Twist the joystick
clockwise

⟹

```
      AUTO SCAN SETUP
NO. 001
MODE        : ENDLESS(LEFT)
SPEED(PTZ)  : 1
START(PTZ)  :
END  (PTZ)  :
DWELL(SEC   : 005
FOCUS/IRIS  : AUTO
     12345678
  00■=======
        SAVE    EXIT
```

Press *IRIS Open* /
IRIS Close or Push the
joystick to the right

⟹

```
TITLE : ▊
      ABCDEFGJIJKLMNOP
      QRSTUVWXYZabcdefg
      hijklmnopqrstuvwx
      yz0123456789-+()=
▪SELECT CHARACTER : MOVE
▪TITLE POSITION : [CTRL] + MOVE
▪SET CHARACTER : CLOCKWISE
▪CLEAR:COUNTER CLOCKWISE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

③ Mode

```
      AUTO SCAN SETUP
NO. 001
MODE        : ENDLESS(LEFT)
SPEED(PTZ)  : 1
START(PTZ)  :
END  (PTZ)  :
DWELL(SEC   : 005
FOCUS/IRIS  : AUTO
     12345678
  00●=======
        SAVE    EXIT
```

Twist the joystick
clockwise

⟹

```
      AUTO SCAN SETUP
NO. 001
MODE         : COMING & GOING
SPEED(PTZ)  : 1
START(PTZ)  :
END  (PTZ)  :
DWELL(SEC   : 005
FOCUS/IRIS  : AUTO
     12345678
  00●=======
        SAVE    EXIT
```

a. ENDLESS(LEFT) : 360 degree endless scan from the left.
b. ENDLESS(RIGHT) : 360 degree endless scan from the right.
c. COMING & GOING : Auto Scan between left limit and right limit(Vector Scan).

You can use only START(PTZ) for the ENDLESS(LEFT/RIGHT), not END(PTZ).

④ Speed : 9 different levels.
    - LEVEL 1: 1.1deg/sec. Slowest.
    - LEVEL 2: 1.2deg/sec.
    - LEVEL 3: 1.4deg/sec.
    - LEVEL 4: 1.7deg/sec.
    - LEVEL 5: 2deg/sec.
    - LEVEL 6: 2.5deg/sec.
    - LEVEL 7: 3.3deg/sec.
    - LEVEL 8: 5deg/sec.
    - LEVEL 9: 10deg/sec. Fastest.

⑤ Start/End (P,T,Z)

⑥ Dwell Time : 02~240sec

Twist joystick while pressing *CTRL* to increase / decrease dwell time by 10 sec.

⑦ Focus/Iris : Auto/Manual

⑧ Auto Scan Call : Input the Auto Scan No.(1~8) and then press *SCAN* to call the Auto Scan.

⑨ Auto Scan Stop : Move the joystick anywhere to stop this function.

Note : Create the SCAN : Press the *Zoom out.*
         Erase the SCAN : Press the *Zoom in.*

2.8.3. TOUR

Each TOUR can harmonize 42 different mode among Preset(1~319), Auto Scan(1~8), Pattern(1~4) and only Tour 1 can obtain Tour 2~8 additionally.

① Select No.

```
        CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY        ▷ HOME/PRESET
DOME SETUP   ▷ AUTO SCAN
ALARMS          TOUR
CAMERA        ▷ PATTERN
CONFIG          ▷
LANGUAGE     ▷
EXIT
```

Press *ENT* or Push the joystick to the right

```
        ◄◄TOUR SETUP►►
NO. 001          :
SPEED           : FAST
FREEZE         : OFF
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
          SAVE     EXIT
```
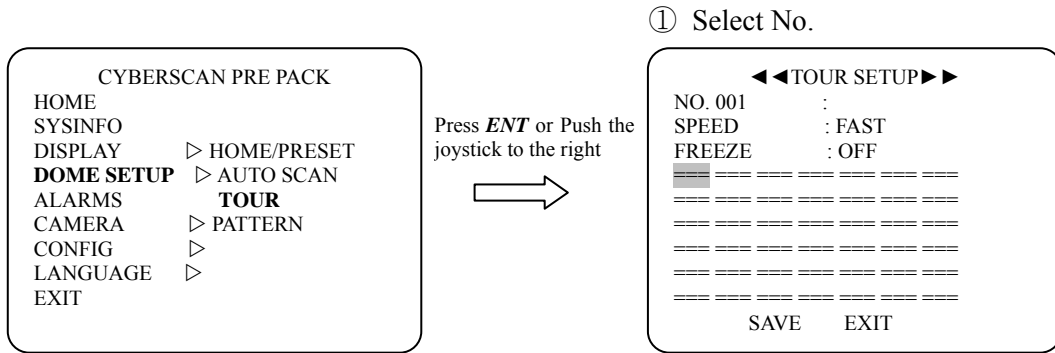
Note : Press *TOUR* to go directly to Tour Menu without going through the main menu.

② Title

Press *IRIS Open*/*IRIS Close*

```
        ◄◄TOUR SETUP►►
NO. 002          :
SPEED           : FAST
FREEZE         : OFF
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
          SAVE     EXIT
```

Press *IRIS Open*/*IRIS Close* or Push the joystick to the right

```
TITLE :
      ABCDEFGJIJKLMNOP
   QRSTUVWXYZabcdefg
   hijklmnopqrstuvwx
   yz0123456789-+()=
▪SELECT CHARACTER : MOVE
▪TITLE POSITION : [CTRL] + MOVE
▪SET CHARACTER : CLOCKWISE
▪CLEAR:COUNTER CLOCKWISE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```
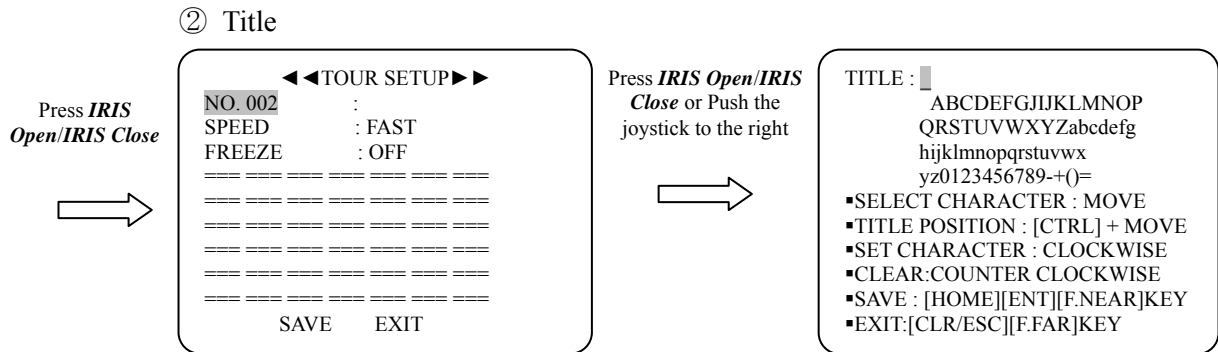
③ Speed : Fast : Full Speed (See MENU/CONFIG/GENERAL)
Normal : Half Speed
Slow : Quarter Speed

④ Freeze : On/Off
Allows for the output of a still image while the camera is performing preset operations.
For example, the camera will output a still image before it finishes pan/tilt operation.

⑤ Mode & No.
To select the 4 different mode and No. (Preset, Auto Scan, Tour and Pattern)

```
    ◄ ◄TOUR SETUP► ►                              ◄ ◄TOUR SETUP► ►
NO. 002        :TOUR          Press SCAN and twist     NO. 002        :TOUR
SPEED      : FAST            the joystick clockwise     SPEED      : FAST
FREEZE         : OFF          /counter clockwise        FREEZE         : OFF
═══ ═══ ═══ ═══ ═══ ═══ ═══                              SC2 ═══ ═══ ═══ ═══ ═══ ═══
═══ ═══ ═══ ═══ ═══ ═══ ═══                              ═══ ═══ ═══ ═══ ═══ ═══ ═══
═══ ═══ ═══ ═══ ═══ ═══ ═══                              ═══ ═══ ═══ ═══ ═══ ═══ ═══
═══ ═══ ═══ ═══ ═══ ═══ ═══                              ═══ ═══ ═══ ═══ ═══ ═══ ═══
═══ ═══ ═══ ═══ ═══ ═══ ═══                              ═══ ═══ ═══ ═══ ═══ ═══ ═══
═══ ═══ ═══ ═══ ═══ ═══ ═══                              ═══ ═══ ═══ ═══ ═══ ═══ ═══
      SAVE     EXIT                                          SAVE     EXIT
```
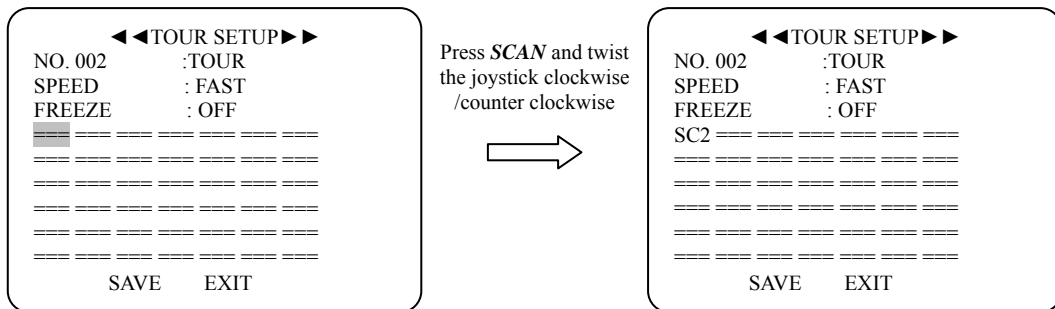
Each TOUR can harmonize 42 different mode among Preset (1~319), Auto Scan(1~8), Pattern(1~4) and Tour.
Only Tour 1 can obtain Tour 2~8 additionally.
If you want clear the 4 mode, just press "HOME".

Note : If there is no memorized Preset, Auto Scan, Tour or Pattern, you can not set up this function.

⑥ Tour Call : Input the Tour NO.(1~8) and press "TOUR" to call the Tour.
⑦ Tour Stop : Move the joystick anywhere to stop the function.

* Example

```
       ◄◄TOUR SETUP►►
NO. 002        :TOUR1
SPEED          : FAST
FREEZE         : OFF
001 319 TR2 TR8 === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
      SAVE     EXIT
```

```
       ◄◄TOUR SETUP►►
NO. 002        :TOUR2
SPEED          : FAST
FREEZE         : OFF
002 SC4 === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
      SAVE     EXIT
```

```
       ◄◄TOUR SETUP►►
NO. 002        :TOUR8
SPEED          : FAST
FREEZE         : OFF
PT2 === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
=== === === === === === ===
      SAVE     EXIT
```

PRESS *1* + **TOUR**

→ Quinch Move
–·–► Dwell Time
– –► Programmed Speed

TOUR1
PRESET1

PRESET1
DWELL TIME 5 SEC
(Default:5SEC)

TOUR1
PRESET319

PRESET319
DWELL TIME 5 SEC
(Default:5SEC)

TOUR2
PRESET2

PRESET2
DWELL TIME 5 SEC
(Default:5SEC)

TOUR2
SCAN4 START

TOUR2
SCAN4 END

SCAN4
DWELL TIME 5SEC
(Default:5SEC)

TOUR8
PATTERN2 START

TOUR8
PATTERN2 END

TOUR8
DWELL TIME 5SEC
(Default:5SEC)

2.8.4. PATTERN

The Pattern features record user control of the selected dome camera for up to 240 seconds. Up to 4 patterns can be stored and played back by pressing No. + *PTRN* subsequently.

Note : Press **PTRN** to go directly to the Pattern menu without going through the main menu.

① Select No.

```
      CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY        ▷ HOME/PRESET
DOME SETUP    ▷ AUTO SCAN
ALARMS            TOUR
CAMERA        ▷ PATTERN
CONFIG         ▷
LANGUAGE      ▷
EXIT
```

Press *ENT* or Push the joystick to the right

```
      ◀◀PATTERN SETUP▶▶
NO.         TITLE        TIME
01                              000
02                              000
03                              000
04                              000
          SAVE      EXIT
▪TITLE EDIT : [RIGHT] KEY
▪TITLE CLEAR : [LEFT]KEY
▪PRESS[WIDE]KEY TO CLEAR
▪PRESS[TELE]KEY TO LEARN
```

② Title

Twist the joystick clockwise/counter clockwise

```
      ◀◀PATTERN SETUP▶▶
NO.         TITLE        TIME
01                              000
02                              000
03                              000
04                              000
          SAVE      EXIT
▪TITLE EDIT : [RIGHT] KEY
▪TITLE CLEAR : [LEFT]KEY
▪PRESS[WIDE]KEY TO CLEAR
▪PRESS[TELE]KEY TO LEARN
```

Press *PTRN* and twist the joystick clockwise/counter clockwise

```
TITLE :
      ABCDEFGJIJKLMNOP
      QRSTUVWXYZabcdefg
      hijklmnopqrstuvwx
      yz0123456789-+()=
▪SELECT CHARACTER : MOVE
▪TITLE POSITION : [CTRL] + MOVE
▪SET CHARACTER : CLOCKWISE
▪CLEAR:COUNTER CLOCKWISE
▪SAVE : [HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

③ Learn

```
      ◀◀PATTERN SETUP▶▶
NO.         TITLE        TIME
01                              000
02        PATTERN         000
03                              000
04                              000
          SAVE      EXIT
▪TITLE EDIT : [RIGHT] KEY
▪TITLE CLEAR : [LEFT]KEY
▪PRESS[WIDE]KEY TO CLEAR
▪PRESS[TELE]KEY TO LEARN
```

Press *PTRN* or twist the joystick clockwise

```
                          P.TIME : 1




▪PRESS:[CTRL]KEY+MOVE
▪SAVE:[HOME][ENT][F.NEAR]KEY
▪EXIT:[CLR/ESC][F.FAR]KEY
```

④ Pattern Call : Input the Pattern NO.(1~4) and press "PTRN" to call the Pattern.
⑤ Pattern Stop : Move the joystick anywhere to stop the function.

2.9. ALARM

Note : If you want to go previous menu, please press **CLR/ESC**. To exit main menu without saving, please press **MENU/LOCK**. To exit after saving, please press **ENT**. (Cyber Scan protocol only)

③ Mode
Stored Preset, Tour, Auto Scan and Pattern could be called

② PRI(Priority)

Twist the joystick clockwise/counter clockwise

```
    ◄◄ALARM SETUP►►
NO. PRI MODE   IN   OUT TIME
01   1   ===   OFF  OFF  05
02   1   ===   OFF  OFF  05
03   1   ===   OFF  OFF  05
04   1   ===   OFF  OFF  05
05   1   ===   OFF  OFF  05
06   1   ===   OFF  OFF  05
07   1   ===   OFF  OFF  05
08   1   ===   OFF  OFF  05
          SAVE     EXIT
```

Press PTRN and twist the joystick clockwise/counter clockwise

```
    ◄◄ALARM SETUP►►
NO. PRI MODE   IN   OUT TIME
01   1   PT2   OFF  OFF  05
02   1   ===   OFF  OFF  05
03   1   ===   OFF  OFF  05
04   1   ===   OFF  OFF  05
05   1   ===   OFF  OFF  05
06   1   ===   OFF  OFF  05
07   1   ===   OFF  OFF  05
08   1   ===   OFF  OFF  05
          SAVE     EXIT
```

Note : If there is no memorized Preset, Auto Scan, Tour or Pattern, you can not set up this function.

④ In : OFF(No activation)
     NC(Normally Closed, Active Open)
     NO(Normally Open, Active Closed)
⑤ Out : 1~4 (Relay Out 1, 2, 3, 4), Off(No Output)
⑥ Time : Alarm will be held for programmed time(02 to 99 seconds)
  Caution : This PTZ will not be operated during the period of Alarm On(Dwell Time).
         After alarm off, you can control the PTZ as usual.

Note : When the Alarm is activated, you can see A.TIME on the top of the right screen.

2.10. CAMERA

Note : If you want to go previous menu, please press **CLR/ESC**. To exit main menu without saving, please press **MENU/LOCK**. To exit after saving, please press **ENT**. (Cyber Scan protocol only)
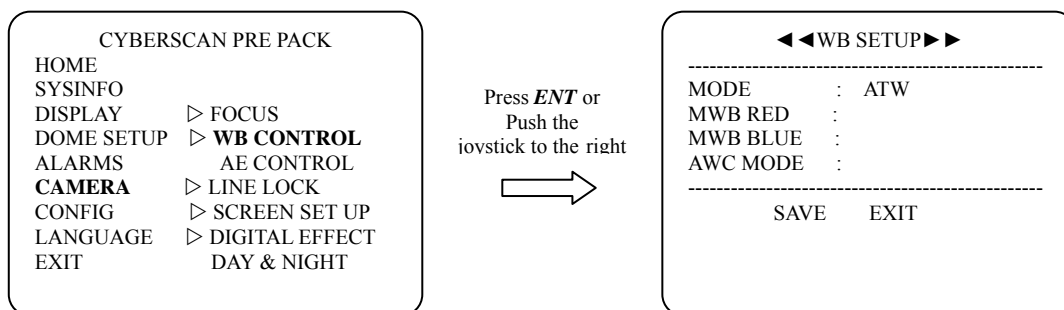
2.10.1. FOCUS

```
        CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS         AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press **ENT** or
Push the
joystick to the right

⇨

```
       ◀◀FOCUS SETUP▶▶
-------------------------------------------------
MODE        :  MANUAL
-------------------------------------------------
        SAVE      EXIT
```
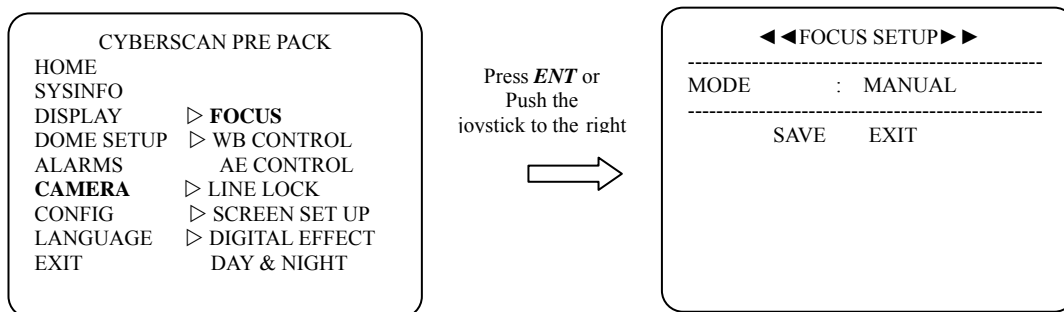
MODE : MANUAL/ AUTO
Use Manual mode in normal use. To select the Auto mode, move the cursor to the mode and then twist the joystick clockwise or counterclockwise.

2.10.2. WB CONTROL (White Balance)

```
        CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS         AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press **ENT** or
Push the
joystick to the right

⇨

```
       ◀◀WB SETUP▶▶
-------------------------------------------------
MODE        :  ATW
MWB RED     :
MWB BLUE    :
AWC MODE    :
-------------------------------------------------
        SAVE      EXIT
```

MODE : ATW/INDOOR/OUTDOOR/MWB/AWC

* ATW (Auto Trace White balance) :
Auto-controls the white balance according to the change of a light source with 2000~10000K of color temperature. When you have various change of the circumstance with light source, you can set this mode and you don't have to lock the white balance setting every time.

* INDOOR :
Color Temperature fix to 3200K

* OUTDOOR :
Color Temperature fix to 5400K

* AWC(Auto White balance Control) :
This mode is used when the lighting condition do not vary to any significant extent. This mode enable photographing by setting the lighting condition that light up a subject and controlling as

the white color forcibly. Twist and hold the joystick, then LOCK mode becomes PUSH mode and white balance acts automatically. Release the joystick, push mode becomes LOCK mode and white balance is locked as manual mode.
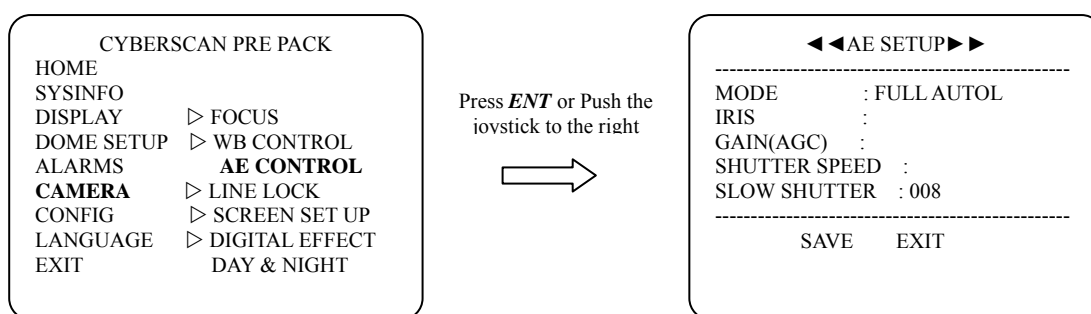
* MWB(Manual White Balance) :
It is used to adjust to desired color temperature manually. Adjust Red and Blue to perform a desired MWB.
RED level Range : -20 ~ 20, BLUE level Range : -20 ~ 20
Twist the joystick to change the value of MWB RED or MWB BLUE. Press ***CTRL*** and twist the joystick clockwise/counterclockwise to change its value by 10 steps.

2.10.3. AE CONTROL(Automatic Exposure)

```
    CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS         AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press ***ENT*** or Push the joystick to the right

⟹

```
        ◀◀AE SETUP▶▶
--------------------------------------------------
MODE         : FULL AUTOL
IRIS         :
GAIN(AGC)    :
SHUTTER SPEED   :
SLOW SHUTTER   : 008
--------------------------------------------------
         SAVE     EXIT
```

MODE : FULL AUTO / MANUAL
IRIS :   CLOSE /F22 /F19 /… /F2.4/F1.6/AUTO
GAIN :   OFF/ 8dB /10dB/… /36dB/38dB
SHUTTER SPEED : 1/60(50, PAL), 1/100(1/120),…,1/6000, 1/10,000
SLOW SHUTTER : OFF/002/004/…/126/128
* IRIS, GAIN, SHUTTER SPEED is available in case of Manual Mode.

2.10.4. LINE LOCK

```
    CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS          AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press ***ENT*** or Push the joystick to the right

⟹

```
      ◀◀LINE LOCK SETUP▶▶
--------------------------------------------------
MODE         : INTERNAL
PHASE        :
--------------------------------------------------
         SAVE     EXIT
```
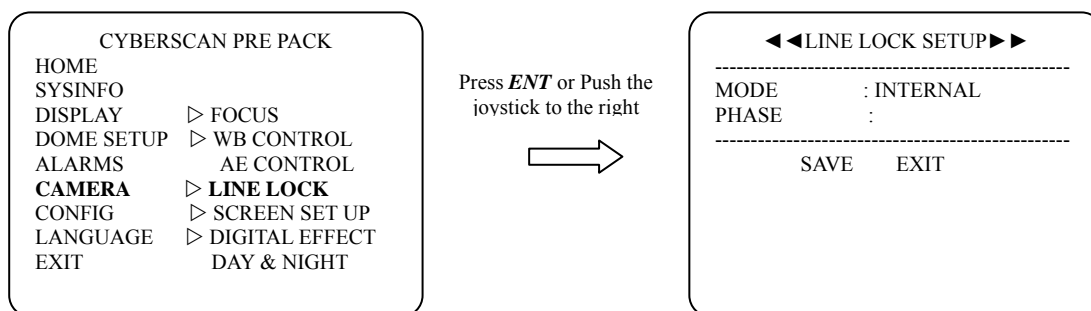
MODE :   INTERNAL / EXTERNAL
PHASE :   0 ~ 255(EXTERNAL ONLY)
FACTORY MODE : INTERNAL

2.10.5. SCREEN SET UP

```
        CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS          AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press **ENT** or Push the
iovstick to the right

⇨

```
     ◄◄SCREEN SETUP►►
-------------------------------------------------
BRIGHTNESS      : 08
SHARPNESS       : 08
BACKLIGHT       : AUTO
BMB MODE        : OFF
BMB LEVEL       : 7
-------------------------------------------------
        SAVE     EXIT
```
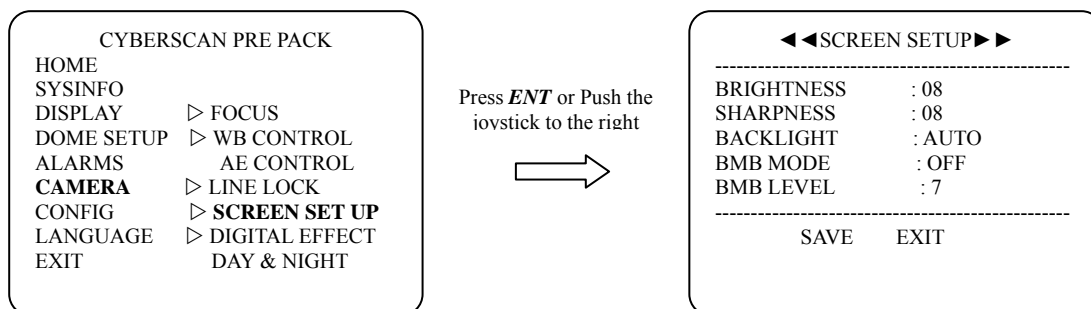
BRIGHTNESS : 0~15
SHARPNESS :   0~15
BACK LIGHT :   ON/OFF/AUTO
BMB LEVEL : 1~7 /89*
BMB(Black Mask BLC)MODE : ON/OFF
BMB is different to backlight compensation. BMB masks the excessive light so that objects look clearly.
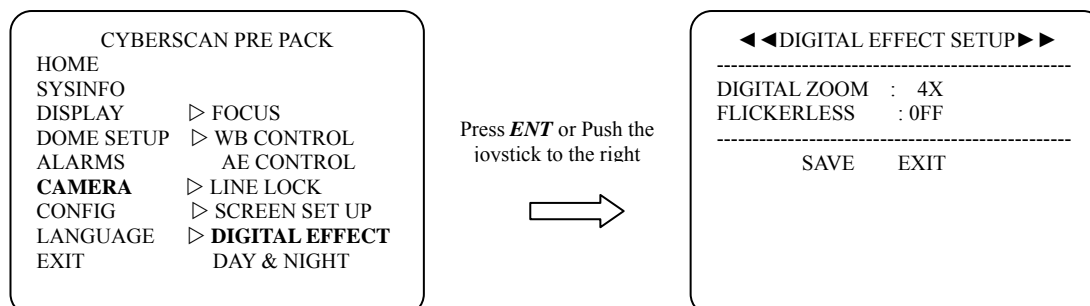
To adjust camera Value or Back Light On/Off/Auto, twist the joystick clockwise or counterclockwise.

2.10.6. DIGITAL EFFECT

```
        CYBERSCAN PRE PACK
HOME
SYSINFO
DISPLAY      ▷ FOCUS
DOME SETUP   ▷ WB CONTROL
ALARMS          AE CONTROL
CAMERA       ▷ LINE LOCK
CONFIG       ▷ SCREEN SET UP
LANGUAGE     ▷ DIGITAL EFFECT
EXIT            DAY & NIGHT
```

Press **ENT** or Push the
iovstick to the right

⇨

```
     ◄◄DIGITAL EFFECT SETUP►►
-------------------------------------------------
DIGITAL ZOOM  :  4X
FLICKERLESS   : 0FF
-------------------------------------------------
        SAVE     EXIT
```

DIGITAL ZOOM
  Off : Zoom range is limited to the optical range
  On : 2X/3X/…/9X/10X
        The factory default value is 4X.
FLICKERLESS : On/Off
If the screen appears to pulsate, flicker and/or even roll, you may use Flickerless control. The main purpose of Flickerless control is to overcome this effect which is the harmonic power frequency difference between the cycle of 50Hz fluorescent lighting and the vertical synchronization of the camera which causes the "Flicker" on a monitor. The 50Hz power cycle of a fluorescent light causes a "pulsating" image which is overcome by the Flickerless control On.

2.10.7. DAY&NIGHT

```
        CYBERSCAN PRE PACK                                    ◄◄DAY & NIGHT►►
HOME
SYSINFO                                                 -------------------------------------------------
DISPLAY      ▷ FOCUS                                     MODE                    : AUTO
DOME SETUP   ▷ WB CONTROL        Press ENT or Push the
ALARMS         AE CONTROL        iovstick to the right
CAMERA       ▷ LINE LOCK                                 -------------------------------------------------
CONFIG       ▷ SCREEN SET UP                                    SAVE      EXIT
LANGUAGE     ▷ DIGITAL EFFECT
EXIT           DAY & NIGHT
```
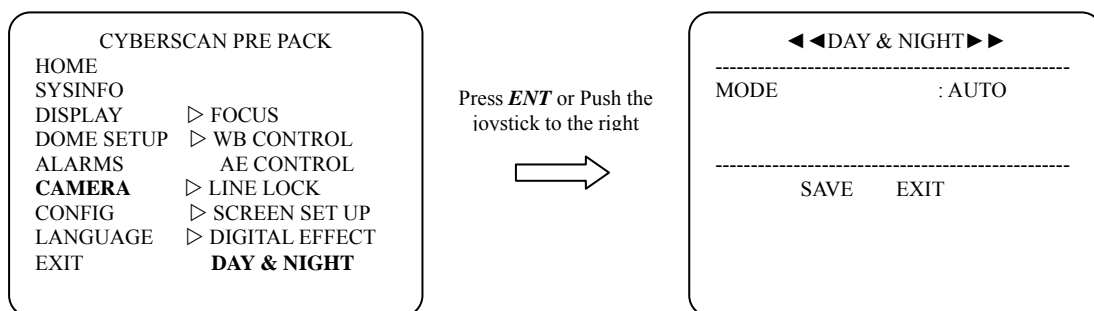
MODE
AUTO : Camera goes in to B&W mode at low light.
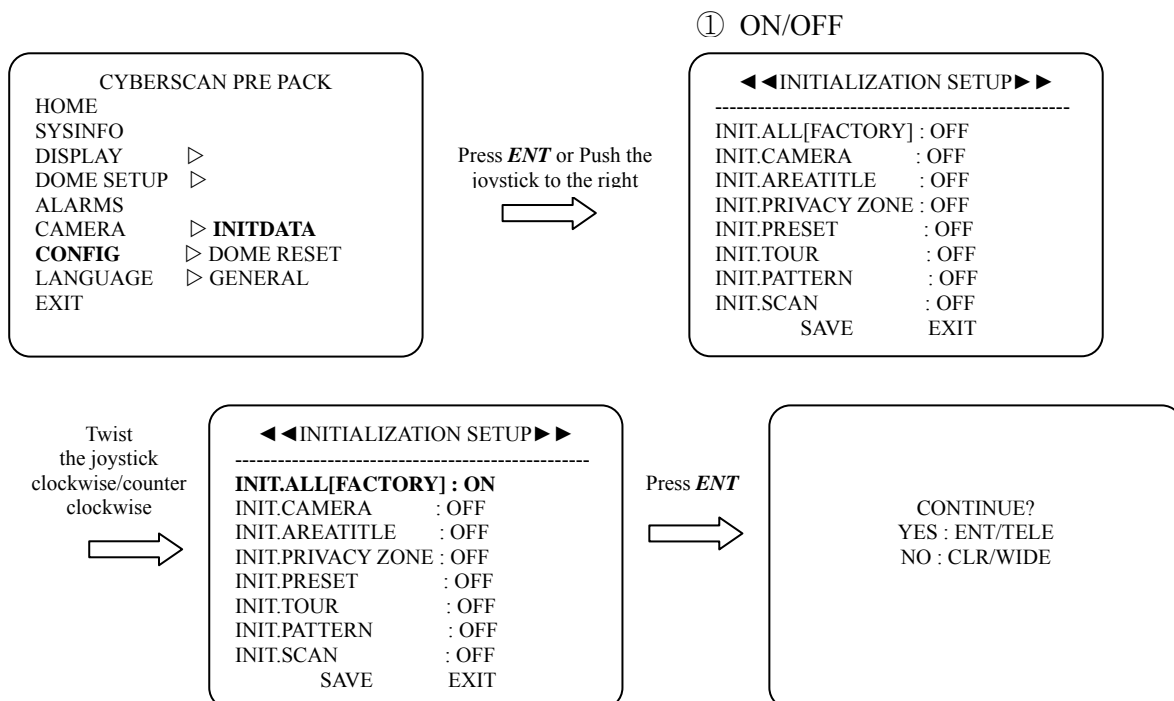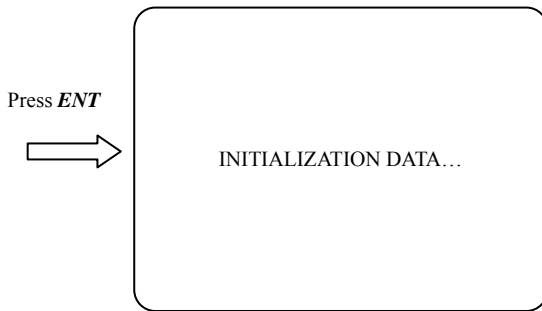ON/OFF : It will enable and disable DAY & NIGHT mode of an individual camera.

2.11. CONFIG

Note : If you want to go previous menu, please press *CLR/ESC*. To exit main menu without saving, please press *MENU/LOCK*. To exit after saving, please press *ENT*. (Cyber Scan protocol only)

2.11.1.INIT DATA

Note : Be careful to select this mode since you can not revert the current data forever.

① ON/OFF

```
        CYBERSCAN PRE PACK                                    ◄◄INITIALIZATION SETUP►►
HOME
SYSINFO                                                 -------------------------------------------------
DISPLAY      ▷                                           INIT.ALL[FACTORY] : OFF
DOME SETUP   ▷                  Press ENT or Push the    INIT.CAMERA       : OFF
ALARMS                          iovstick to the right    INIT.AREATITLE    : OFF
CAMERA       ▷ INITDATA                                  INIT.PRIVACY ZONE : OFF
CONFIG       ▷ DOME RESET                                INIT.PRESET       : OFF
LANGUAGE     ▷ GENERAL                                   INIT.TOUR         : OFF
EXIT                                                     INIT.PATTERN      : OFF
                                                         INIT.SCAN         : OFF
                                                                SAVE       EXIT
```

```
Twist                ◄◄INITIALIZATION SETUP►►
the joystick
clockwise/counter   -------------------------------------------------
clockwise           INIT.ALL[FACTORY] : ON                 Press ENT
                    INIT.CAMERA       : OFF
                    INIT.AREATITLE    : OFF                              CONTINUE?
                    INIT.PRIVACY ZONE : OFF                            YES : ENT/TELE
                    INIT.PRESET       : OFF                             NO : CLR/WIDE
                    INIT.TOUR         : OFF
                    INIT.PATTERN      : OFF
                    INIT.SCAN         : OFF
                            SAVE       EXIT
```

Press *ENT*

```
┌─────────────────────────────────┐
│                                 │
│                                 │
│                                 │
│        INITIALIZATION DATA…     │
│                                 │
│                                 │
│                                 │
│                                 │
└─────────────────────────────────┘
```
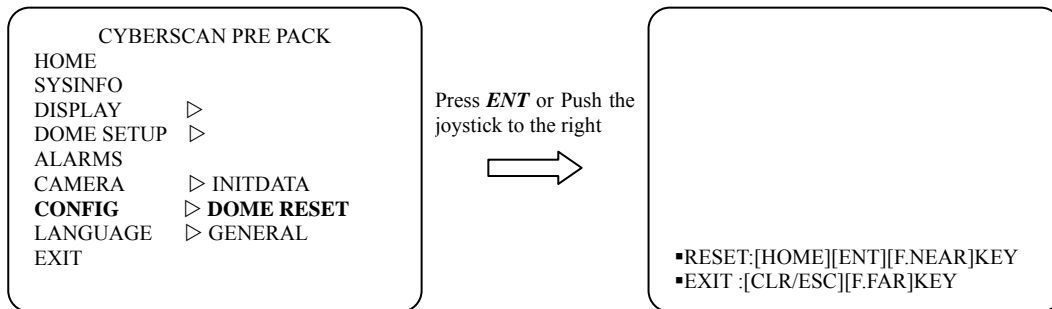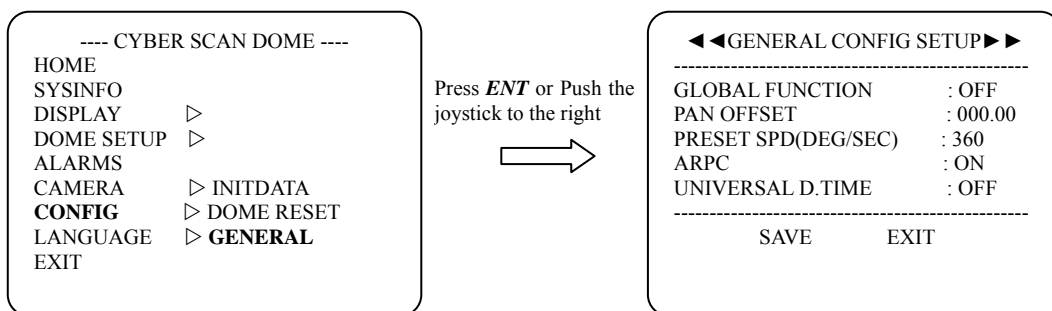
INIT. ALL

Erase all stored data from the Flash-Rom of the selected dome camera (FACTORY DEFAULT). You will be asked to enter Yes or No. If you intend to erase all data then press the *ENT* or *HOME*, otherwise press *CLR/ESC* to exit without erasing. The erased data includes all stored data (Titles, Presets, and Tours).

2.11.2. DOME RESET

The main power of the camera will be turned off and then ON again.

```
┌─────────────────────────────────┐
│        CYBERSCAN PRE PACK       │
│   HOME                          │
│   SYSINFO                       │
│   DISPLAY        ▷              │
│   DOME SETUP    ▷              │
│   ALARMS                        │
│   CAMERA        ▷ INITDATA      │
│   CONFIG        ▷ DOME RESET    │
│   LANGUAGE      ▷ GENERAL       │
│   EXIT                          │
└─────────────────────────────────┘
```

Press *ENT* or Push the joystick to the right

```
┌─────────────────────────────────┐
│                                 │
│                                 │
│                                 │
│                                 │
│                                 │
│                                 │
│  ▪RESET:[HOME][ENT][F.NEAR]KEY  │
│  ▪EXIT :[CLR/ESC][F.FAR]KEY     │
└─────────────────────────────────┘
```

2.11.3. GENERAL

```
┌─────────────────────────────────┐
│      ---- CYBER SCAN DOME ----  │
│   HOME                          │
│   SYSINFO                       │
│   DISPLAY        ▷              │
│   DOME SETUP    ▷              │
│   ALARMS                        │
│   CAMERA        ▷ INITDATA      │
│   CONFIG        ▷ DOME RESET    │
│   LANGUAGE      ▷ GENERAL       │
│   EXIT                          │
└─────────────────────────────────┘
```

Press *ENT* or Push the joystick to the right

```
┌─────────────────────────────────────┐
│   ◄◄GENERAL CONFIG SETUP►►          │
│ -----------------------------------  │
│ GLOBAL FUNCTION      : OFF          │
│ PAN OFFSET           : 000.00       │
│ PRESET SPD(DEG/SEC)  : 360          │
│ ARPC                 : ON           │
│ UNIVERSAL D.TIME     : OFF          │
│ -----------------------------------  │
│         SAVE        EXIT            │
└─────────────────────────────────────┘
```

2008.　　　GLOBAL FUNCTION : ON/OFF (Factory Mode : OFF)
This feature is used to enable or disable the GLOBAL Key function.
For detail information, refer to Page 29.
② PAN OFFSET : Pan offset angle. In the screen (original pan angle + offset angle) is displayed.
③ PRESET SPD(DEG/SEC) :　Maximum master preset speed.
360/430/500 degree/sec selectable.
④ ARPC : ON/OFF (Factory Mode : ON)
Automatic recognition of positioning compensation. The dome recognize pan/tilt angle
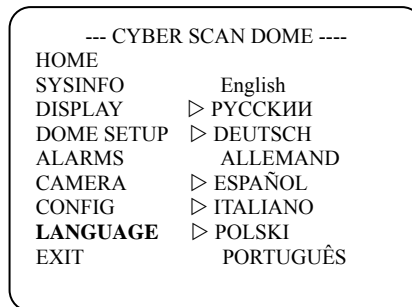
corruption.

If the angle is within error range, it calibrates itself.

⑤ UNIVERSAL D.TIME : OFF, 02~239 (Factory Mode : OFF)

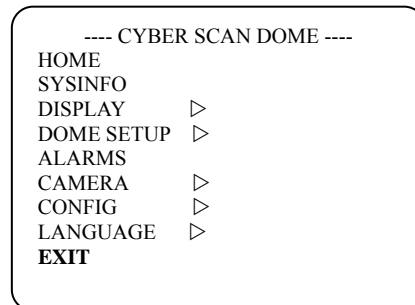If universal dwell time is off, the dwell time of Preset/Auto Scan is applied to Auto Scan or Tour.

If not(2~239), universal dwell time is applied to preset, Auto Scan or Tour.

2.12. LANGUAGE

```
        --- CYBER SCAN DOME ----
    HOME
    SYSINFO          English
    DISPLAY       ▷ РУССКИИ
    DOME SETUP   ▷ DEUTSCH
    ALARMS          ALLEMAND
    CAMERA       ▷ ESPAÑOL
    CONFIG       ▷ ITALIANO
    LANGUAGE     ▷ POLSKI
    EXIT            PORTUGUÊS
```

You can select multi language, by pushing the joystick to the right.

2.13. EXIT

```
      ---- CYBER SCAN DOME ----
    HOME
    SYSINFO
    DISPLAY       ▷
    DOME SETUP   ▷
    ALARMS
    CAMERA       ▷
    CONFIG       ▷
    LANGUAGE     ▷
    EXIT
```

2008.   To exit the main menu, press *CLR/ESC* or *MENU/LOCK*.

② To exit the main menu using the joystick, select the EXIT mode and push joystick to the right.

APPENDIX A - The List of GLB(Short) Key

If you use Cyber Scan Pre-Pack dome camera and Joystick controller, you can use the following GLB short cut key for the easy operations without accessing the main menu of the dome unit.(Cyber Scan protocol only)

Note : Press **GLB**, after press the numeric button. This function is available subject to Global mode on, in the main menu (Refer to Page40)

GLB Key	Function	ON/Off	RMK
1. Camera Funtions			
11 12	Privacy Zone	Off On	
13 14	Over Tilt	Off On	
20 21 22	Day/Night	Auto Off On	
23 24	Digitla Zoom	Off On	
25 26	Back Light	Off On	
27 28 29	WB(White Balace)	ATW Indoor Outdoor	
31 32	Flickerless	Off On	
33 34	Auto Focus	Auto Manual	
35 36	BMB(Black Mask BLC) Mode	Off On	
180 181-194 195	Zoom Speed	Minimum 1~14 step Maximum	Press Number + CTRL +GLB
2. Display Function (OSD)			
71 72	All display	Off On	
73	Zoom Magnitude	On/Off	Toggle
74	Dome ID	On/Off	Toggle
75	Dome Mode	On/Off	Toggle
76	Pan/Tilt Angle	On/Off	Toggle
77	Area Title	On/Off	Toggle
78	Operation Title	On/Off	Toggle
79	Flag Display	On/Off	Toggle
80	Time Display	On/Off	Toggle

GLB Key	Function	ON/Off	RMK
3. Dome Operations Functions			
81 82	Flip	Off On	
83 84	Mirror/Reverse	Off Reverse	
91 92 93	Cooler	Auto Off On	
94 95 96	Heater	Auto Off On	

Revision history

Rev.	Date	Description
A	2007-03-29	Created.
B	2008-02-22	Modified.
C	2008-12-24	WB CONTROL (White Balance) is corrected.