

## HIGH RESOLUTION DOME CAMERA OPERATION MANUAL



Thank you for choosing our high quality camera.

Before attempting to connect operate this unit, please read and follow these instructions.

## CONTENTS

- 1. Cautions
- 2. Features
- 3. Package
- 4. Overview and function
- 5. Installation
- 6. Connection
- 7. Dimensions
- 8. Specifications
- 9. OSD Menu Structure

# **1. CAUTIONS**

#### This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions;

- 1. This device may not cause harmful interference.
- 2. This device must accept any interference received, including interference that may cause undesired operation.

#### Note

This equipment has been tested and found to comply with limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- · Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / tv technician for help.

#### Caution

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## A CAUTION

 A regulated DC12V 1A power supply is recommended for use with this camera for the best picture and the most stable operation.
 An unregulated power supply can cause damage to the camera.
 When unregulated power supply is applied, product warranty will be out of subject.

- 2. It is recommended that the camera is used with a monitor that has a CCTV quality 75 video impedance level.
  - If your monitor is switched to high impedance then please adjust accordingly.
- Do not attempt to disassemble the camera to gain access to the internal componets. Refer servicing to your dealer.
- Never face the camera towards the sun or any bright or reflective light, which may cause smear on the picture and possible damage to the CCD.
- 5. Do not remove the serial sticker for the warranty service.
- 6. Do not expose the camera to rain or other types of liquid.
- The apparatus must be connected to a mains socket-outlet with a protective earthing connection.

# 1. CAUTIONS



#### Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

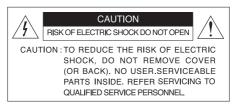
# (Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicate that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

This product should not be mixed with other commercial wastes purchased this product, or their local government office, for details of where and how they can take item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

Household users should contact either the retailer where they for disposal.





This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance

## 2.Features

- 1/3 960H SONY EXview HAD CCD II
- High Resolution of 700TV Lines
- OSD Function
- Multi Language
  (ENGLISH / JAPANESE / GERMAN / FRENCH / RUSSIAN / PORTUGUESE / SPANISH / CHINESE)
- 2DNR
- Privacy Zone
- Motion Detect
- DC12V / AC24V Dual Voltage
- ATR(Adaptive Tone-curve Reproduction / Digital WDR)

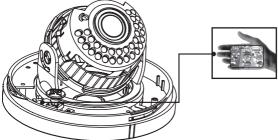
The function provides gradation compensation to improve the contrast of subjects both low-luminance areas and high luminance areas exist in the same picture

• 3-Axis Gimbal



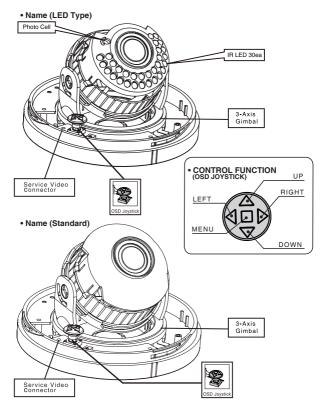
#### Service Video connector

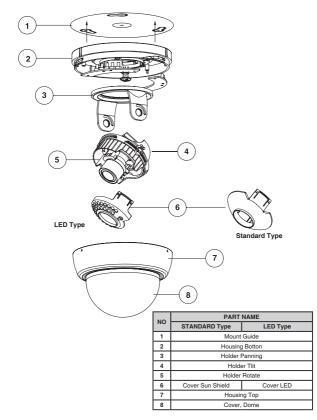
The Service Video Connector also provides the installer with an easy way of configuring the camera.



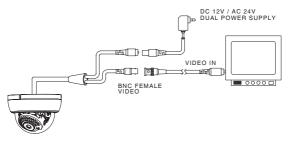
#### 3.Package

1	DOME CAMERA	
2	VIDEO OUTPUT TEST CABLE	
3	OPERATION MANUAL	
4	SCREW - 3ea	<b>PP</b>
5	MOUNT GUIDE	

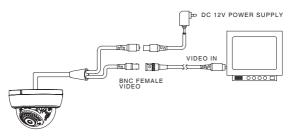




#### • DUAL(DC 12V/AC24V)



DC 12V

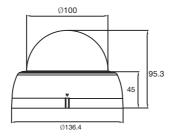


!

When you install the camera, please glue up the end of cable to keep it stable in order to protect the camera from the humidity problems.

### 7.Dimensions

Unit : mm



### 8.Specifications

Signal Format		NTSC	PAL		
Image Device		1/3"960H SONY EX	1/3 <sup>2960H</sup> SONY EXview HAD CCD II		
Scanning System		2:1 Inter	2:1 Interlace		
H.Resolution		700TV L	700TV Lines		
Scanning Frequence	су	H:15.734KHz, V:59.94Hz	H:15.625KHz, V:50Hz		
Total Pixels		1020(H) X 508(V)	1020(H) X 596(V)		
Effective Pixels		976(H) X 494(V)	976(H) X 582(V)		
Electronic Shutter	Speed	1/60 sec	1/50 sec		
S/N Ratio		More than 50d	More than 50dB(AGC Off)		
Gamma		r=0.45			
Min. Illumination		COLOR : 0.05Lux/F1.2,	COLOR : 0.05Lux/F1.2, BW : 0.02 Lux/F1.2		
Sync System		Intern	Internal		
Video Output		1.0 Vp-p Comp	1.0 Vp-p Composite(75Ω)		
OSD		Built in (Inner Key / Joystick)			
BLC		OFF / BLC / HLC			
White Balance		ATW / PUSH / USER1 / USER2 / ANTI CR / MANUAL / PUSH-LOCK			
2DNR		OFF / ON (Level adjustable)			
ATR		OFF / ON (Level adjustable)			
Function		MIRROR / BRIGHTNESS / CONTRAST / SHARPNESS / HUE / GAIN			
Privacy Masking		4 Zones			
Motion Detection		4 Zones			
Day & Night		AUTO			
Language		ENGLISH / JAPANESE / GERMAN / FRENCH / RUSSIAN/ PORTUGUESE / SPANISH / CHINESE			
Power	DC12V	DC 12V (±10%)	Max.120mA		
Consumption	Dual	DC 12V (±10%) Max.150mA ,	AC 24V (±10%) Max. 2.3W		
Operating Temperature		-10°C ~ +50°C			
Storage Temperature		-20°C ~ +60°C			
Operating Humidity		Less than 80%			
Options		Dual Power			
Weight		Approx. 343g			
Dimension(mm)		136.4(Φ) x 95.3(mm)			

#### LED TYPE

Power	DC12V	DC 12V (±10%) Max. 320mA	
Consumption	Dual	DC 12V (±10%) Max 390mA , AC 24V (±10%) Max. 4.8W	
Min. Illumination		0 Lux (IR LED ON)	
IR LED		850nm, 30ea	
IR Beam Range		Up to 30M	
IR LED Operation		On : 1 Lux, Off : 3 Lux	

Specifications and designs are subject to change for improving the functionality of this product without notice.

## 9. OSD MENU STRUCTURE

MAIN MENU	1st Sub MENU	2nd Sub MENU	3rd Sub MENU	4th Sub MENU
LENS	MANUAL			
		TYPE	DC	
		MODE	AUTO, OPEN, CLOSE	1
	AUTO	SPEED	(000 - 255)	1
		RETURN		1
		HIGH LUMINANCE	MODE	SHUT, AUTO IRIS, SHUT+AUTO IRIS
		Indir EdwinkAndE	BRIGHTNESS	(000 - 255)
	AUTO	LOW LUMINANCE	MODE	AGC,OFF
			BRIGHTNESS	x0.25,x0.50,x0.75,x1.00
SHUTTER		RETURN	ļ	
/ AGC		MODE	SHUT+AGC	-
	MANUAL	SHUTTER	1/50(PAL),1/100(NTSC) 1/60(NTSC),1/120(PAL) 1/250,1/500,1/1000 1/2000,1/4000,1/10000	
		AGC	6,12,18,24,30,36,42,44.8	]
		RETURN		
		SPEED	(000 - 255)	
		DELAY CNT	(000 - 255)	
	ATW	ATW FRAME	x0.50,x1.00,x1.50,x2.00	
		ENVIRONMENT	INDOOR,OUTDOOR	
		RETURN	ļ	
	PUSH			
		B-GAIN	(000 - 255)	-
WHITE BAL	USER1	R-GAIN	(000 - 255)	-
DAL		RETURN B-GAIN	(000 055)	
	USER2	B-GAIN B-GAIN	(000 - 255) (000 - 255)	1
	USER2	RETURN	(000 - 233)	-
	ANTI CR			
		LEVEL	24 - 103	
	MANUAL	RETURN		1
	PUSH LOCK		1	1
BACK LIGHT	OFF,BLC,HLC	1		1
	MIRROR	OFF,ON	1	1
	BRIGHTNESS	(000 - 255)	1	
	CONTRAST	(000 - 255)	1	
PIC	SHARPNESS	(000 - 255)	1	
ADJUST	HUE	(000 - 255)	1	
	GAIN	(000 - 255)	1	
	RETURN		1	
ATR		LUMINANCE	LOW,MID,HIGH	
	ON	CONTRAST	LOW,MIDLOW,MID,MIDHIGH,HIGH	1
		RETURN		1
	OFF		1	i

\*SHUT+IRIS: Both the Shutter and the Mechanical Iris are automatically adjusted according to brightness. \*Auto Iris(Default): The Shutter stays at the manually selected value and only the Mechanical Iris adjusts to brightness.

## 9. OSD MENU STRUCTURE

MOTION      ON      DETECT SENSE (000 - 255) BLOCK DISP      OFF,ONENABLE (CONTROLER) MONITOR AREA      ON,OFF        MOTION      AREA SEL      1/4, 2/4, 3/4, 4/4      TOP      NTSC:000 - 244) / PAL: (000 - 288)        BOTTOM      NTSC:000 - 64/1 / PAL: (000 - 288)      EETURN      NTSC:000 - 64/1 / PAL: (000 - 488)        NEXT      EXT      SAVE ALL      NTSC:000 - 64/1 / PAL: (000 - 488)        PRIVACY      OFF      I1/4, 2/4, 3/4, 4/4      NTSC:000 - 64/1 / PAL: (000 - 488)        NEXT      EXT      SAVE ALL      II/4, 2/4, 3/4, 4/4      NTSC:000 - 64/1 / PAL: (000 - 288)        PRIVACY      ON      AREA SEL      1/4, 2/4, 3/4, 4/4      NTSC:000 - 64/1 / PAL: (000 - 288)        ILEFT      NTSC:000 - 64/1 / PAL: (000 - 288)      BOTTOM      NTSC:000 - 64/1 / PAL: (000 - 288)        ILEFT      NTSC:000 - 64/1 / PAL: (000 - 288)      EFT      NTSC:000 - 64/1 / PAL: (000 - 288)        ILEFT      NTSC:000 - 64/1 / PAL: (000 - 648)      EFT      NTSC:000 - 64/1 / PAL: (000 - 648)        COLOR      (1 - 8)      TTANSP      0.00, 0.50, 0.75, 1.00      NTSC:000 - 64/1 / PAL: (000 - 648)        OFF      RETURN      ETURN      II/4      II/4      II/4      II/4 <th>MAIN MENU</th> <th>1st Sub MENU</th> <th>2nd Sub MENU</th> <th>3rd Sub MENU</th> <th>4th Sub MENU</th>	MAIN MENU	1st Sub MENU	2nd Sub MENU	3rd Sub MENU	4th Sub MENU
MONITOR AREA      ON.OFF        MOTION      I/4, 2/4, 3/4, 4/4      TOP        NEXT      I/14, 2/4, 3/4, 4/4      NTSC:000 - 244) / PAL: (000 - 288)        RETURN      IEFT      NTSC:000 - 474) / PAL: (000 - 488)        RETURN      NTSC:000 - 474) / PAL: (000 - 488)        RETURN      IFT      NTSC:000 - 474) / PAL: (000 - 488)        RETURN      IFT      NTSC:000 - 474) / PAL: (000 - 488)        NEXT      IFT      NTSC:000 - 474) / PAL: (000 - 488)        RETURN      IFT      NTSC:000 - 474) / PAL: (000 - 488)        PRIVACY      OFF      IFT      NTSC:000 - 474) / PAL: (000 - 288)        INCOR      IFT      NTSC:000 - 474) / PAL: (000 - 488)        PRIVACY      ON      AREA SEL      IFT      NTSC:000 - 474) / PAL: (000 - 488)        INCOR      IFT      NTSC:000 - 474) / PAL: (000 - 488)      IFT        INGHT      NTSC:000 - 474) / PAL: (000 - 488)      IFT        INGACY      OFF      IFT      NTSC:000 - 474) / PAL: (000 - 488)        INGNODE      OFF,ON      IFTANSP      IFTANSP      IFTANSP        INGACY      OFF      IFTANSP      IFTANSP      IFT			DETECT SENSE	(000 - 255)	
MOTION      AREA SEL      1/4, 2/4, 3/4, 4/4        TOP      NTSC.(000 - 244) / PAL: (000 - 288)        BOTTOM      NTSC.(000 - 244) / PAL: (000 - 288)        RETURN      RETURN        OFF      RETURN        AREA SEL      1/4, 2/4, 3/4, 4/4        TOP      NTSC.(000 - 244) / PAL: (000 - 288)        RETURN      NTSC.(000 - 474) / PAL: (000 - 488)        OFF      Image: Comparison of the com			BLOCK DISP	OFF,ON,ENABLE (CONTROLER)	1 1
MOTION DET      ON      AREA SEL      TOP      NTSC:000 - 244) / PAL: (000 - 288) BOTTOM      NTSC:000 - 244) / PAL: (000 - 248) LEFT        NTSC:000 - 474 / PAL: (000 - 474) / PAL: (000 - 478)      NTSC:000 - 474 / PAL: (000 - 468)        RETURN      NTSC:000 - 474 / PAL: (000 - 468)        NEXT      Image: Comparison of the participation of the partimantex and the participation of the participation of the			MONITOR AREA	ON,OFF	
MDET IOW      AREA SEL      BOTTOM      NTSC:000 - 244) / PAL: (000 - 286)        LEFT      NTSC:000 - 474) / PAL: (000 - 466)      RETURN        OFF      I      I        SAVE ALL      I      I      I        PRIVACY      ON      AREA SEL      I      I        OFF      I      I      I      I        SAVE ALL      I      I      I      I      I        ON      AREA SEL      I      I      I      I      I        ON      AREA SEL      I <tdi< td=""><td></td><td></td><td rowspan="4">AREA SEL</td><td>1/4, 2/4, 3/4, 4/4</td><td>1</td></tdi<>			AREA SEL	1/4, 2/4, 3/4, 4/4	1
Image: Second		ON		ТОР	NTSC:(000 - 244) / PAL: (000 - 288)
Image: Prime	DET			BOTTOM	NTSC:(000 - 244) / PAL: (000 - 288)
RETURN      RETURN        OFF         SAVE ALL         SAVE ALL         AREA SEL      BOTTOM        NTSC:000 - 244) / PAL: (000 - 248)        BOTTOM      NTSC:000 - 244) / PAL: (000 - 248)        BOTTOM      NTSC:000 - 244) / PAL: (000 - 248)        LEFT      NTSC:000 - 244) / PAL: (000 - 248)        LEFT      NTSC:000 - 244) / PAL: (000 - 248)        COLOR      (1 - 8)        TTANSP 0.0.0.0.0.50.0.75.1.00      TASSP 0.0.0.0.6.0.75.1.00        MOSAIC      OFF.0N        RETURN      OFF.0N        RETURN      ON        ON      EDIT MODE        CAMERA      OFF.        ON      EDIT MODE        OFF      Interve        RETURN      OFF.0N        RETURN      RETURN        ON      EDIT MODE        OFF.      Interve        ILANGUAGE      ENGLISH. B.* III. DEUTSCH, FRANCAIS, РУССКИЙ. PORTUGUÉS, ESPAÑOL, IP文        CAMERA      BACK				LEFT	NTSC:(000 - 474) / PAL: (000 - 468)
OFF      Image: Constraint of the state of the				RIGHT	NTSC:(000 - 474) / PAL: (000 - 468)
NEXT      Image: Constraint of the second s			RETURN		
EXIT      SAVE ALL        SAVE ALL      I14, 2/4, 3/4, 4/4        TOP      NTSC.000 - 24/) / PAL: (000 - 288)        BOTTOM      NTSC.000 - 24/) / PAL: (000 - 288)        BOTTOM      NTSC.000 - 24/) / PAL: (000 - 288)        LEFT      NTSC.000 - 474/ / PAL: (000 - 488)        COLOR      (1 - 8)        TRANSP      0.00, 0.50, 0.75, 1.00        OFF      INSC.000 - 474/ / PAL: (000 - 468)        OFF      INSC.000 - 474/ / PAL: (000 - 468)        OFF      INSC.000 - 474/ / PAL: (000 - 468)        OFF      INSC.000 - 474/ / PAL: (000 - 468)        OFF      INSC.000 - 474/ / PAL: (000 - 468)        RETURN      0.00, 0.50, 0.75, 1.00        RETURN      INSC.000 - 474/ / PAL: (000 - 468)        OFF      INSC.000 - 474/ / PAL: (000 - 468)        RETURN      INSC.000 - 474/ / PAL: (000 - 478)        RETURN      INSC.000 - 478/ / PAL: (000 - 478)        ON      EDIT MODE        CAMERA      OFF        ILANGUAGE      ENGLISH. 日本道. DEUTSCH, FRANCAIS, РУССКИЙ. PORTUGUÉS, ESPAÑOL, 中文        CAMERA      BACK		OFF			
SAVE ALL      Id. 2/4, 3/4, 4/4      Id. 2/4, 3/4, 4/4        PRIVACY      AREA SEL      Id. 2/4, 3/4, 4/4      TOP      NTSC:(000 - 244) / PAL: (000 - 288)        BOTTOM      NTSC:(000 - 474) / PAL: (000 - 288)      IEFT      NTSC:(000 - 474) / PAL: (000 - 488)        COLOR      (1 - 8)      IEFT      NTSC:(000 - 474) / PAL: (000 - 488)        RIGHT      NTSC:(000 - 474) / PAL: (000 - 488)      IEFT        OFF      IETURN      INTSC:(000 - 474) / PAL: (000 - 488)        OFF      IETURN      IETURN        OFF      IETURN      IETURN        OFF      IEDIT MODE      IEDIT MODE        OFF      IEDIT MODE	NEXT				
PRIVACY      ON      АREA SEL      1/4, 2/4, 3/4, 4/4      TOP      NTSC:(000 - 244) / PAL: (000 - 286)        BOTTOM      NTSC:(000 - 244) / PAL: (000 - 286)      BOTTOM      NTSC:(000 - 244) / PAL: (000 - 286)        COLOR      (1 - 8)      RETURN      NTSC:(000 - 474) / PAL: (000 - 468)        OFF      0.00, 0.50, 0.75, 1.00      MOSAIC      OFF.ON        OF      RETURN      0.00, 0.50, 0.75, 1.00      0.00        OF      C LEVEL      (000 - 015)      RETURN      0.00        RETURN      OFF.O      0.00      0.015)      RETURN        OFF      EDIT MODE      RETURN      0.0F      0.00        OFF      RETURN      RETURN      0.0F      0.0F        OFF      BOTY      EDIT MODE      0.0F      0.0F        CAMERA      OFF.      IANGUAGE      RETURN      0.0F      0.0F        BACK      BOLX      DEUTSCH, FRANCAIS, Русский. PORTUGUÉS, ESPAÑOL, 中文      CAMERA      BACK	EXIT				
PRIVACY      AREA SEL      TOP      NTSC.000 - 244 / PAL: (000 - 288) / BOTTOM        BOTTOM      NTSC.000 - 244 / PAL: (000 - 288) / DAL: (	SAVE ALL				
PRIVACY      AREA SEL      BOTTOM      NTSC:(000 - 244) / PAL: (000 - 248)        LEFT      NTSC:(000 - 474) / PAL: (000 - 468)      RIGHT      NTSC:(000 - 474) / PAL: (000 - 468)        COLOR      (1 - 8)      RIGHT      NTSC:(000 - 474) / PAL: (000 - 468)        TRANSP      0.00, 0.50, 0.75, 1.00      MOSAIC      OFF        OFF      RETURN      RETURN      RETURN        V LEVEL      (000 - 015)      RETURN      RETURN        ON      EDIT MODE      OFF      Image: Color Argent ArgentA				1/4, 2/4, 3/4, 4/4	
PRIVACY      ON      End of the temperature      LEFT      NTSC:(000 - 474) / PAL: (000 - 468)        COLOR      (1 - 8)      NTSC:(000 - 474) / PAL: (000 - 468)      NTSC:(000 - 474) / PAL: (000 - 468)        COLOR      (1 - 8)      MOSAIC      OFF.        OFF      RETURN      RETURN      RETURN        OR      Color      (1 - 8)      RETURN        OFF      RETURN      RETURN      RETURN        ON      EDIT MODE      OFF.      RETURN        CAMERA      OFF.      RETURN      RETURN        OFF      RETURN      RETURN      RETURN        OFF.      BACK      SEAR      SEARADL, PXCXXIR, PORTUGUÊS, ESPAÑOL, PX				ТОР	NTSC:(000 - 244) / PAL: (000 - 288)
PRIVACY      ON      RIGHT      NTSC.000 - 474) / PAL: (000 - 468)        COLOR      (1 - 6)        TRANSP      0.00, 0.50, 0.75, 1.00        MOSAIC      OFF.0N        OFF         OFF         VIEVEL      (000 - 015)        RETURN         ON      EDIT MODE        CAMERA      OFF        OFF         RETURN         RETURN         RETURN         RETURN         CAMERA      OFF        ENGLISH, B本it, DEUTSCH, FRANCAIS, РУССКИЙ, PORTUGUÉS, ESPAÑOL, Ф文        CAMERA         BACK			AREA SEL	BOTTOM	NTSC:(000 - 244) / PAL: (000 - 288)
PRIVACY      COLOR      (1 - 8)        TRANSP      0.00, 0.50, 0.75, 1.00        MOSAIC      OFF.00        RETURN      OFF.01        NR      OFF, V, C, Y/C        CLEVEL      (000 - 015)        Y LEVEL      (000 - 015)        RETURN      ON        ON      EDIT MODE        OFF      RETURN        OFF      RETURN        CAMERA      RETURN        OFF      RESET        BACK      EXIT		ON		LEFT	NTSC:(000 - 474) / PAL: (000 - 468)
COLOR      (1 - 8)        TRANSP      0.00, 0.50, 0.75, 1.00        MOSAIC      OFF, 0N        RETURN      RETURN        OFF      Image: Color of Signature        RETURN      Color of Signature        VI LEVEL      (000 - 015)        RETURN      RETURN        ON      EDIT MODE        OFF      OFF        ID      RETURN        OFF      RETURN        OFF      RETURN        OFF      RETURN        OFF      RETURN        OFF      RETURN        BAGK      ENGLISH, B本語, DEUTSCH, FRANCAIS, Pycckxiik, PORTUGUÉS, ESPAÑOL, 中文        CAMERA RESET      BACK				RIGHT	NTSC:(000 - 474) / PAL: (000 - 468)
MOSAIC      OFF.ON        RETURN      RETURN        OFF      Image: Constraint of the state of	PRIVACY		COLOR	(1 - 8)	
RETURN      RETURN        OFF      OFF        NR      OFF, VC, V/C        CLEVEL      (000 - 015)        Y LEVEL      (000 - 015)        RETURN      RETURN        ON      EDIT MODE        OFF      RETURN        OFF      RETURN        ULANGUAGE      ENGLISH, B#AIR, DEUTSCH, FRANCAIS, PYSCKKR, PORTUGUÊS, ESPAÑOL, #\$        CAMERA RESET      BACK        EXIT      EX			TRANSP	0.00, 0.50, 0.75, 1.00	1
OFF      OFF        NR MODE      OFF,Y,C,Y/C        C.LEVEL      (000 ~ 015)        Y LEVEL      (000 ~ 015)        RETURN         ON      EDIT MODE        OFF         ID      OFF        OFF         CAMERA      OFF        BACK         EXIT			MOSAIC	OFF,ON	1
NR MODE      OFF,Y,C,Y/C        C LEVEL      (000 - 015)        Y LEVEL      (000 - 015)        RETURN      000 - 015)        CAMERA      RETURN        OFF      000 - 015)        CAMERA      RETURN        OFF      000 - 015)        BACK      EXT			RETURN		1 1
C LEVEL      (000 ~ 015)        Y LEVEL      (000 ~ 015)        RETURN         ON      EDIT MODE        CAMERA      RETURN        OFF         LANGUAGE      ENGLISH, 日本語, DEUTSCH, FRANCAIS, Pyccxий, PORTUGUÊS, ESPAÑOL, 中文        CAMERA RESET      BACK        EXIT		OFF			
NR  Y LEVEL  (000 - 015) RETURN    ON  EDIT MODE    CAMERA  OF    ID  OFF    CAMERA  CAMERA RESET    BACK    EXIT		NR MODE	OFF,Y,C,Y/C	i	1
Y LEVEL      (000 ~ 015)        RETURN      ON        CAMERA ICANGRAE      RETURN        OFF      ICANGRAE        CAMERA RESET      ENGLISH, B本語, DEUTSCH, FRANCAIS, РУССКИЙ, PORTUGUÊS, ESPAÑOL, 中文        CAMERA RESET      BACK        EXIT      ICANGRAE		C LEVEL	(000 ~ 015)		
RETURN      CAMERA        ON      EDIT MODE        OFF      RETURN        OFF      CAMERA        CAMERA      RESURN        RESET      BACK        EXT      EXACULATION	NR	Y LEVEL	. ,		
CAMERA ID RETURN OFF ENGLISH, 日本湖, DEUTSCH, FRANCAIS, Русский, PORTUGUÉS, ESPAÑOL, 中文 CAMERA RESET BACK EXIT		RETURN			
ID OFF LANGUAGE ENGLISH. 日本語, DEUTSCH, FRANCAIS, Русский, PORTUGUÉS, ESPAÑOL, 中文 САМЕRA RESET BACK EXIT		ON	EDIT MODE		1
ID OFF CAMERA CAMERA BASE CAMERA CAM			RETURN		
LANGUAGE ENGLISH, 日本語, DEUTSCH, FRANCAIS, Русский, PORTUGUÊS, ESPAÑOL, 中文 САМЕРА RESET BACK EXIT		OFF			
CAMERA RESET BACK EXIT	LANGUAGE				
EXIT	CAMERA				
	BACK				
	EXIT				
	SAVE ALL				

#### \*Important Note :

 Any changes made to the camera settings must be saved prior to exiting the OSD menu. Else all changes will be discarded.

 By changing the lens option in the OSD from MANUAL to AUTO will automatically change the SHUTTER/AGC setting from AUTO IRIS to SHUT+AUTO IRIS.(Default:AUTO IRIS)