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Owner's Manual

MODEL
VSC-58B-HD

**Please read this manual carefully before operating.
You set and retain it for future reference.**

CAUTIONS FOR SAFE OPERATION - POWER SUPPLY
This camera must be operate at DC12V Certified / Listed, Class 2 Power supply.

SPECIFICATIONS

FEATURE

1/2.9" 2.1MP Sony Exmor CMOS Sensor

* **Video output : 1080P AHD (Default) / HD-TVI / CVI / CVBS (1280H)_1000TVL**

  (You can change to video output by UTC function or OSD Key)

* SENS-UP(~x30), D.WDR, Privacy mask, Motion Detection

* **3Mega f=3.6mm Lens**

* 3D-DNR/AHD, 2D-DNR/CVBS

* Support UTC function,

* Power Source : DC 12V (±30%)

SPECIFICATION	NTSC	PAL
Image Device	1/2.9" 2.1MP Sony Exmor CMOS Sensor	
Effective Pixel	1936 (H) x 1097 (V)	
Scanning System	Progressive	
Resolution	AHD(1080P), CVBS(1280H) 1000TVL	
minimum Illumination	Color : 0.5 Lux, B/W : 0.05 Lux , Sens-up : 0.005 Lux (B/W)	
Video Output	1080P AHD (Default) / HD TVI / CVI / CVBS (1280H)_1000TVL	
S/N Ratio	More than 52dB	
Mount Type	Board Type	
AGC	Off / 0-15	
Shutter Speed	AUTO / FLK, (1/25(30) ~1/50,000 sec)	
Sens-up	off / X2 ~ X30	
Brightness	0-100	
Backlight	Off / BLC / HSBLC	
Image Enhancement	D-WDR	
Defog	On/ Off	
Day & Night	Auto / color / B&W / EXT	
White Balance	ATW /AWC / INDOOR / OUTDOOR / Manual / AWB	
Sharpness	Adjustable	
Miirror	Adjustable	
Dimension	25x25cm	

Dimensions

25mm
20mm
25mm
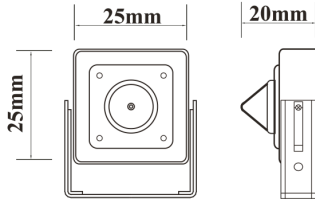
** Video output Conversions are below;
  - push the OSD key during the 5 seconds.
  (LEFT- CVBS / RIGHT-AHD / DOWN-HD-TVI / UP-HD-CVI)

OSD MENU - General Operation

This camera utilizes an On-Screen
user MENU, To set items on the
menu, use the following switch.

UP
LEFT |·SET| RIGHT
DOWN
OSD BUTTON

* UP
 Used to move upper direction on the menu screen. Use this button to
 select an item or adjust the parameters.
* DOWN
 Used to move lower direction on the menu screen. Use this button to
 select an item or adjust the parameters.
* RIGHT
 Moves the cusor to the right. Used to increment the value selected in
 the menu. The parameter changes each time this button is pressed
 to the right.
* LEFT
 Moves the cusor to the left. Used to devrement the value selected in
 the menu. The parameter changes each time this button is pressed
 to the left.
* SET
 Excutes selections and displays a submenu for an itme with the mark.
 - RET : Return to the Previous Menu
 - TOP: Return to the CAMEA SETTING menu screen.
 - END : Exit the setup ment.

OSD control by UTC function

MAIN MENU		SUB MENU 1		SUB MENU 2	
LENS	DC✓	MODE	INDOOR/OUTDOOR(MIN SHU./MAX SHU.)		
		IRIS SPEED	0~15		
EXPOSURE	✓	SHUTTER	AUTO✓		
			1/60(1/50), FLK ~ 1/50000, x2,...x30		
		AGC	0 ~ 15		
		SENSE-UP	AUTO✓(OFF) : SENS-UP (x2,x4,......x30)		
		BRIGHTNESS : 1 ~ 100			
		D-WDR	ON/OFF	LEVEL	0 ~ 8
		DEFOG	AUTO✓	POS / SIZE/GRADATION/DEFAULT	
	BLC✓	LEVEL	LOW / MIDDLE / HIGH		
		AREA	POSITION , SIZE , RET/AGAIN, DEFAULT		
	HSBLC✓	SELECT	AREA1 ~ AREA 4		
		DISPLAY	ON✓(OFF) : POSITION, SIZE, RET/AGAIN		
		BLACK-LEVEL :	ON / OFF		
		LEVEL	0~100		
		MODE	ALL DAY/NIGHT✓(AGC LEVEL)		
		DEFAULT✓			
WHITE BAL		ATW / AWC->SET✓ / INDOOR / OUTDOOR / AWB			
	MANUAL✓	BLUE(0~100) / RED(0~100)			
DAY& NIGHT	AUTO✓	D->N(AGC) : 0~255, D->N(DELAY) : 0~60			
		N->D(AGC) : 0 ~ 255, N->D(DELAY) : 0~60			
	COLOR				
	B/W✓	BURST	ON / OFF		
		IR SMART	ON✓ (OFF)	LEVEL	0~15
				AREA ✓	POS/SZ/RET.AGAIN
	EXT✓	D->N(DELAY) : 0~60, N->D(DELAY) : 0~60			
NR ✓	3DNR	OFF / LOW / MIDDLE / HIGH - ** ONLY ON AHD.			
	2DNR	OFF / LOW / MIDDLE / HIGH			
SPE-CIAL	CAM TITLE	ON✓ (OFF)			
	D-EFFECT	FREEZE/MIRROR/V-FLIP/ROTATE/N.IMAGE			

MAIN MENU		SUB MENU 1		SUB MENU 2	
	MOTION	ON✓ (OFF)	SELECT	AREA1~4	
			AREA DISPLAY	ON✓(OFF): POSITION,SIZE,RET/AGAIN	
			SENSITIVITY : 0 ~ 100		
			COLOR	WHITE / RED / GREEN / BLUE	
			TRANS.	0.25 ~1.00	
			ALARM✓	VIEW TYPE: OFF/BLOCK/OUTLINE/ALL	
				OSD VIEW/ALARM OUT/ALARM SIG.TIME	
			DEFAULT✓		
	PRIVACY	ON✓ (OFF)	AREA	AREA1~4	
			DISPLAY	INV✓	POSITION, SIZE, RET/AGAIN
				MOSAIC✓	
				COLOR✓	
			COLOR	USER/WHITE/BLACK/RED/ BLUE/YELLOW/GREEN/CYAN	
			TRANS.	0.25~1.00	
			DEFAULT✓		
	LANGUAGE	ENG/CHN1/CHN2/GER/FRA/ITA/SPA/POL/RUS/POR/NED/TUR			
	DEFECT✓	LIVE DPC	AGC LEVEL(0~255)/LEVEL(0~100)		
		WHITE	POS / SIZE✓, START, DPC VIEW, LEVEL, AGC, SENS-UP		
		BLACK	POS / SIZE✓, START, DPC VIEW, LEVEL, AGC, SENS-UP		
	RS485 (OPTION)	✓	CAM ID : 0 ~ 255		
			ID DISPLAY : ON✓ (OFF)		
			BAUDRATE : 2400 ~ 38400		
ADJUST ✓	SHARPNESS	OFF/AUTO✓	LEVEL / START AGC / END AGC		
	MONITOR	CRT✓	BLACK LEVEL/BLUE GAIN/RED GAIN		
		LCD✓	BLACK LEVEL /GAMMA /BLUE G / RED G		
	LSC	OFF / ON			
	VIDEO. OUT	NTSC / PAL			
EXT	RESET✓ / NOT SAVE ✓				
	**3D-DNR IS ONLY AVAIL ON AHD.				

Made in Korea