DWMIR960 / DWMIRW960 700 Line Outdoor IR Dome Cameras w/OSD

Northern★

Sony 960H Chip, WDR, OSD, DNR, 60' IR Range, 3.6mm Lens
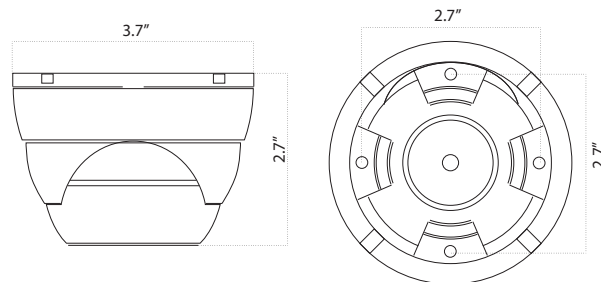
PRODUCT FEATURES

- Sony 960H Chip 700 Lines of Resolution
- Digital Wide Dynamic Range
- DNR - Digital Noise Reduction
- OSD - On Screen Display
- 3.6mm Fixed Focal Lens
- Up to 60 Feet IR Range
- IP66 Weatherproof Rating

SPECIFICATIONS

Model No.	DWMIR960	DWMIRW960
Imaging Device	960H 1/3" SONY Super HAD II CCD	
Resolution	700 TV Lines	
Minimum Illumination	0.0 Lux (IR LED On)	
Lens Size / Maximum Aperture	3.6mm Fixed Focal Lens	
IR LED Range / IR LED Count	60 Feet / 18 Pieces	
IR LED Wavelength	850nm	
Maximum Aperture	F2.0	
S/N Ratio	More than 52db	
Electronic Shutter Speed	AUTO, FLK, 1-60 ~ 1/100,000	
OSD (On Screen Display)	Yes (Cable Mounted)	
BLC (Backlight Compensation)	OFF / BLC / HBLC	
AGC Automatic Gain Control	AUTO / MANUAL	
White Balance	ATW, MANUAL, USER 1, USER 2	
Day-Night	COLOR / BW / AUTO / EXT 1 / EXT 2	
DNR (Digital Noise Reduction)	ON / OFF	
D-WDR (Digital Wide Dynamic Range)	ON / OFF (Adjustable 1~63)	
Motion Detection	ON / OFF 4 - Zones Programmable	
Privacy Masking	ON / OFF 8 - Zones Programmable	
Sharpness	(Adjustable 0~255)	
TV System	NTSC	
Effective Pixels	976 (H) X 495 (V)	
Scanning System	2:1 Interlaced	
Sync System	Internal Negative Sync	
Video Output	1.0Vp-p 75 OHM Composite BNC	
Gamma Characteristics	0.45	
Power Requirement / Consumption	12 Volts DC / 400mA	
Operating Temperature	-14°F ~ 122°F	
Weight	1.5 Lb.	
Housing / Color	Aluminum (Gray)	Aluminum (White)
Dimension	3.7" W x 2.7" H	
Weatherproof Rating	IP66	

* All specifications subject to change without notice for quality improvement

CAMERA DIMENSIONS / LINE ART

3.7" 2.7" 2.7" 2.7"
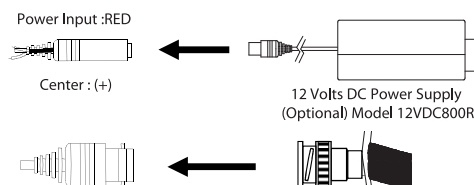
CAMERA COMPONENT DESCRIPTIONS

← **Mounting Base**

← **Locking Collar**

CAMERA CABLE CONNECTION

Insert power lead into power connector (insure proper voltage is supplied and observe polarity).

Insert video lead into BNC connector (push, then twist to lock BNC connector in place).

Power Input :RED

Center : (+)

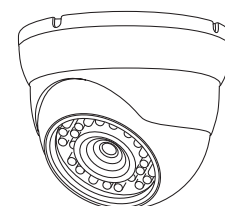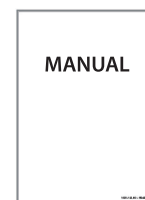12 Volts DC Power Supply (Optional) Model 12VDC800R
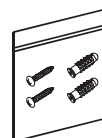
OSD CONTROL

Press the Joystick button on the cable mounted OSD control to access the OSD menu.

In-Line Cable Mounted OSD Control

PACKAGE CONTENTS

(1) Camera
(1) Mounting Hardware Packet
(1) User Manual

MANUAL

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Sony 960H Chip, WDR, OSD, DNR, 60' IR Range, 3.6mm Lens

OSD MENU TREE

	Lens		Manual	
OSD Menu	SHUTTER / AGC	Auto	High Luminance Mode SHUT / Brightness 0~255 Adjustable	
			Low Luminance Mode AGC / OFF - Brightness x0.25 ~ x 1.00 Adjustable	
		Manual	Mode = SHUT+AGC	
			SHUTTER = 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000	
			AGC = 6, 12, 18, 24, 30, 36, 42, 44.8	
	WHITE BALANCE	ATW	SPEED = 0~255 / DELAY CNT = 0~255 / ATW FRAME = x0.50. x1.00, x1.50, x2.00	
			ENVIRONMENT = INDOOR/ OUTDOOR	
		MANUAL	Level 24~90 Adustable	
		USER 1 / USER2	B-GAIN / R-GAIN LEVEL 0~255 Adjustable	
			ANTI CR	
			PUSH	
			PUSH LOCK	
	BACKLIGHT		OFF / BLC / HLC	
	PICTURE ADJUST		MIRROR = ON/OFF	
			BRIGHTNESS = 0~255 Adjustable	
			CONTRAST = 0~255 Adjustable	
			SHARPNESS = 0~255 Adjustable	
			HUE = 0~255 Adjustable	
			GAIN = 0~255 Adjustable	
	D-WDR	ON / OFF	ON = Luminance = MID - LOW - HIGH CONTRAST = LOW - MID - MIDLOW - MIDHIGH - HIGH	
	MOTION DET		OFF	
		ON - 4 ZONE	DETECT SENSE = 0~127	
			BLOCK DISP = OFF / ON ON = 16X24 Grid Adjustable	
			MONITOR AREA = ON/OFF	
			AREA SELECT 1/4, 2/4, 3/4, 4/4, TOP, BOTTOM, LEFT, RIGHT Adustable	
	PRIVACY		OFF	
		ON - 8 ZONE	AREA SELECT 1/8 ~ 8/8 , TOP, BOTTOM, LEFT, RIGHT Adustable	
			COLOR = 1~8 Selectable	
			TRANSP = 0.25, 0.50, 0.75, 1.00	
			MOSAIC ON/OFF	
	DAY/NIGHT	Auto	BURST = ON/OFF, DELAY COUNT = 0~255, DAY->NIGHT = 0~255, NIGHT->DAY = 0~255	
		B/W	BURST = ON/OFF	
			IR OPTIMIZER = ON / OFF	MODE = AUTO, CENTER
				LEVEL = 0~31
			EXT1 / EXT2	
			COLOR	
	2-DNR	NR MODE	YC = Y LEVEL, C LEVEL 0~15 Adustable	
			C = C LEVEL 0~15 Adustable	
			Y = Y LEVEL, 0~15 Adustable	
			OFF	
	CAMERA ID	ON/OFF	ON = 50 Characters Maximum, Position Selectable	
	SYNC		INT	
	LANGUAGE		ENGLISH, CHINESE, JAPANESE, SPANISH PORTUGUESE, RUSSIAN, FRENCH, GERMAN	
			CAMERA RESET / BACK / EXIT / SAVE ALL	