OSD, True D/N - DWDR, IP66, Motorized 9~22mm Lens

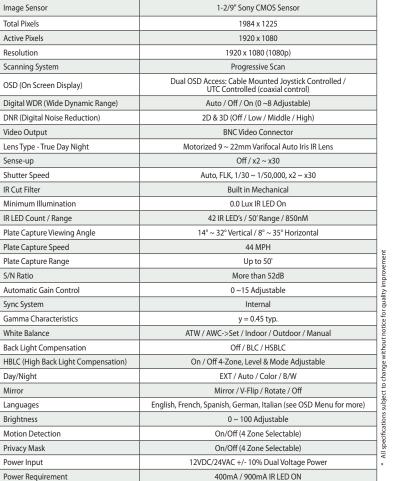
PRODUCT FEATURES

- Multi Format (TVI, CVI, AHD, 960H)
- Full HD 1080p Resolution
- Motorized 9~22mm Auto Iris IR Lens
- 42 IR LED's
- 50' Plate Capture Range
- 44 MPH Plate Capture Speed
- Digital Wide Dynamic Range
- True Day/Night Mechanical IR Cut Filter
- UTC Controllable OSD & Joystick
- Sense-up / Slow Shutter Speed
- 12VDC/24VAC Dual Voltage Power
- 3D Digital Noise Reduction
- 1/2.9" Sony CMOS Sensor
- 3-Axis Cable Management Mount
- IP66 Weatherproof

SPECIFICATIONS

Model No.





HDLPCAM

9.1" x 3.3" x 4.3" (231mm x 84mm x 110mm)

Aluminum - White

1.6 Lb. -22°F ~ 122°F

IP66

CAMERA CABLE CONNECTION

Insert power lead into power connector: be sure proper voltage is supplied and observe polarity.

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

Power Input

Video Input



Sun Shield

IR Adjustment



Center : (+)

OSD CONTROL

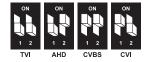
Press Up/Down to Zoom In/Out Press Left/Right for Fine Focusing

In-Line Cable Mounted OSD Control

Press in on the OSD button to access the OSD menu and sub-menus

While in the OSD menu - press up, down, left and right to navigate/change OSD settings

FORMAT SELECTOR SWITCH



Cable Mounted Dip Switch



PACKAGE CONTENTS

Mounting Hardware Packet, L-Style Wrench, Mounting Template



Northern*

Overall Camera Dimensions Housing / Color

Operating Temperature

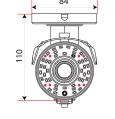
Weatherproof Rating

Weight

CAMERA DIMENSIONS / LINE ART

231

Vertical Angle Adjustment

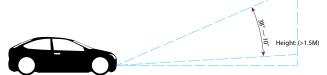


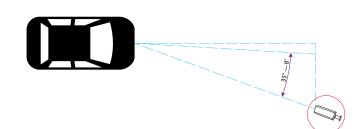


OSD, True D/N - DWDR, IP66, Motorized 9~22mm Lens

PLATE CAPTURE VIEWING ANGLE

Camera must be installed within IR Range and Maximum viewing angles per camera specification





IR ADJUSTMENT BOARD

"LED ON":

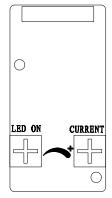
TZ

Turn left and IR LED activate under darker conditions.

Turn right and IR LED activate under lighter conditions.

"CURRENT"

Turn left to Lower IR LED output. Turn right to Increase IR LED output.



OSD MENU TREE

MAIN MEN				NR		
MAIN 1. LENS 2. EXPOSURE 3. BACKLIGHT 4. WHITE BAL 5. DAY&NIGHT 6. NR 7. SPECIAL 8. ADJUST	MENU DC OFF ATW EXT J J	1 LENS 2 EXPOSURE 3 BACKLIGHT 4 WHITE BAL 5 DAY&NIGHT 6 NR 7 SPECIAL 8 ADJUST	MANUAL/DC# # OFF/BLC#/HSBLC# ATW/AWB/AWC-SET/INDOOR/OUTDOOR/ MANUAL# AUTO#/COLOR/B/W#/EXT# # # #	NR 1.2DNR MIDDLE 2.3DNR MIDDLE 3. RETURN RET J SPECIAL SPECIAL	1 2DNR 2 3DNR 3 RETURN 1 CAM TITLE	HIGH/MIDDLE/LOW/OFF HIGH/MIDDLE/LOW/OFF RET# OFF/ON#
9. AF 10. EXIT	∎ SAVE&END ■	9 AF 10 EXIT	# SAVE&END#/RESET#/NOT SAVE#	1. CAN TITLE ON 2. D-EFFECT 3. MOTION OFF 4. PRIVACY OFF 5. LANGUAGE ENG	2 D-EFFECT 3 MOTION 4 PRIVACY 5 LANGUAGE	OFF/04# FREEZE/MIRROR/NEG.IMAGE/RETURN OFF/04# ENG#/CHN1#/CHN2#/GER#/FRA#/ITA#/SPA# POL#/RUS#/POR#/NED#/TUR#/KOR#/JPN#/ HEB#/ARB#
DC LEN 1. MODE 2. IRIS SPEED 3. RETURN	IS MODE INDOOR Infinition 8 RET-	1 MODE 2 IRIS SPEED 3 RETURN	INDOOR/OUTDOOR# 0-15 RET#	6, DEFECT 7, R\$485 8, RETURN RET D-EFFECT	6 DEFECT 7 RS485 8 RETUTN	HEDWARD# # # RET#
EXPOSURE EXPOS 1. SHUTTER 2. AGC	AUTO	1 SHUTTER	AUTO/ 1/30 / 1/60 / FLK / 1/240 / 1/480 / 1/1000 / 1/2000 / 1/5000 / 1/10000 / 1/50000 / X2 / X4 / X6 / X8 / X10 / X15 / X26 / X25 / X30	1.FREEZE ON 2.WIRROR OFF 3.NEGIMAGE OFF 4.RETURN RET	1 FREEZE 2 MIRROR 3 NEG.IMAGE 4 RETURN	OFF/ON OFF/MIRROR/V-FLIP/ROTATE OFF/ON RET#
2. NGC 3. SENS-UP 4. BRIGHTNESS 5. D-NDR 6. DEFOG 7. RETURNL	AUTO Muthammun 56 OFF OFF RET	2 AGC 3 SENS-UP 4 BRIGHTNESS 5 D-WDR 6 DEFOG 7 RETURN	0-15 AUTO# 1-100 OFF/AUTO/ON# OFF/AUTO# RET#	DEFECT 1. LIVE DPC ON 2. WHITE DPC ON 3. BLACK DPC ON 4. RETURN RET	1 LIVE DPC 2 WHITE DPC 3 BLACK DPC 4 RETURN	OFF/ON OFF/MIRROR/V-FLIP/ROTATE OFF/ON RET#
DE 1. POS/SIZE 2. GRADATION 3. DEFAULT 4. RETURN	FOG Junninghin O Junninghin O Junninghin O Junninghin O Junninghin O	1 POS/SIZE 2 GRADATION 3 DEFAULT 4 RETURN	POSITION/SIZE/RETAGAIN 0-2 # RET#	ADJUST 1. SHARPNESS AUTO 2. MONITOR LCD 3. LSC ON 4. VIDED OUT PAL 5. RETURN RET	1 SHARPNESS 2 MONITOR 3 LSC 4 VIDEO OUT 5 RETURN	OFF/AUTO# LCD#/CRT# OFF/ON NISC/PAL RET#
BACKLIGHT	LC			S. RETURN RET		
2. AREA 3. DEFAULT 4. RETURN	MIDDLE J RETJJ	1 LEVEL 2 AREA 3 DEFAULT 4 RETURN	MIDDLE/LOW/HIGH POSITION/SIZE/RETAGAIN # RET#	AF 1. AF MODE SEM1 2. ONE SHOT AF	1 AF MODE 2 ONE SHOT AF 3 TDN AF	SEMI/AUTO/MANUAL # OFF/ON
DAY&NIGHT				3. TDN AF ON 4. LENS INIT - 5. RETURN RET -	4 LENSINIT 5 RETURN	# RET#
B 1. BURST 2. IR SMART 3. RETURN	/W OFF RET J	1 BURST 2 IR SMART 3 RETURN	OFF/ON OFF/ON# RET#	EXIT		
D&N 1. DN (AGC) 2. DN (DELAY) 3. ND (AGC) 4. ND (DELAY) 5. RETURN	AUTO Imministration 18 Imministration 58 Imministration 6 Imministration 45 RET-	1 DN(AGC) 2 DN(DELAY) 3 ND(AGC) 4 ND(DELAY) 5 RETURN	1-255 0-60 1-255 0-80 RET#	EXIT 1. EXIT RESET	1 EXIT	SAVE&END#/RESET#/NOT SAVE#

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