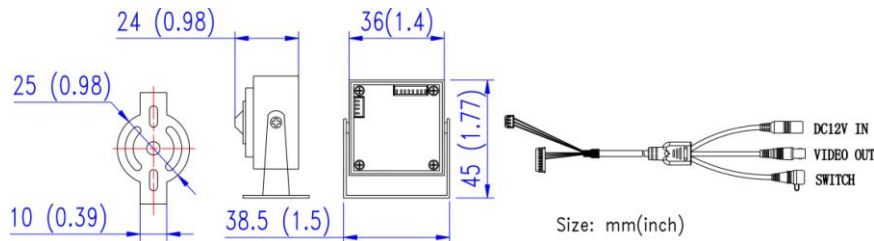


Analog High Definition 4 in 1 Mini Camera

● ITEM No: HT7PHT



● Caution for Installation

1. In order to prevent electronic shock, don't loosen any screws or covers.
2. Do not directly touch the front glass. If necessary, use a soft cloth moistened with alcohol to wipe off the dust.
3. Avoid places where there are frequent vibrations or shocks.
4. Don't operate the camera beyond its temperature, power source ratings.
5. When any abnormalities happen, make sure to unplug the camera and contact your local dealer.

● Packing

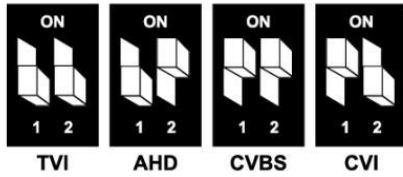
- | | |
|---------------------------|----|
| 1. Camera | X1 |
| 2. User Manual | X1 |
| 3. Screw | X2 |
| 4. Plastic-Conical-Anchor | X2 |
| 5. Hexagonal Wrench | X1 |

● Specification

ITEM	HT7PHT
IP Rating	IP55
Type	Colour
Signal System	NTSC/PAL
Pick Up Device	1/2.9" 2.2 Mega Pixels CMOS
Picture Elements	1920(H)X1080(V)
Min Illumination	0.001 LUX
S/N Ratio	≥52dB
Lens	3.7mm Pin Hole Lens
3D/2D	ON
SENS-UP	ON
IR SMART	ON
White Balance	ATW
Back Light Compensation	OFF
DWDR	ON/OFF
OSD	With UTC Signal(DVR Control OSD)
Video Out-put	HD-TVI/HD-AHD/HD-CVI/CVBS
Power Supply	DC12V ±10%
Current Consumption	70mA(MAX)
Dimension	45×38.5×24mm (1.77"×1.5"×0.98")
Weight	70g (2.47oz)
Storage Temperature	-30~+60°C (-22~+140°F)
Operating Temperature	-30~+45°C (-22~+113°F)

Remark: Non-regulative adaptor may cause camera damaged

● video signal output switches



OSD Menu

MAIN MENU

MAIN MENU		
1. LENS	MANUAL	1 LENS MANUAL/DC#
2. EXPOSURE	↓	2 EXPOSURE #
3. BACKLIGHT	OFF	3 BACKLIGHT OFF/BLC#/HSBLC#
4. WHITE BAL	ATW	4 WHITE BAL ATW/AWB/AWC-SET/INDOOR/OUTDOOR/MANUAL#
5. DAY&NIGHT	EXT ↓	5 DAY&NIGHT AUTO#/COLOR/B/W#/EXT#
6. NR	↓	6 NR #
7. SPECIAL	↓	7 SPECIAL #
8. ADJUST	↓	8 ADJUST #
9. EXIT	SAVE&END ↓	9 EXIT SAVE&END#/RESET#/NOT SAVE#

LENS

DC LENS MODE		
1. MODE	INDOOR	1 MODE INDOOR/OUTDOOR#
2. IRIS SPEED	8	2 IRIS SPEED 0-15
3. RETURN	RET ↓	3 RETURN RET#

EXPOSURE

EXPOSURE		
1. SHUTTER	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 / X20 / X25 / X30
2. AGC	7	2 AGC 0-15
3. SENS-UP	AUTO ↓	3 SENS-UP AUTO#
4. BRIGHTNESS	56	4 BRIGHTNESS 1-100
5. D-WDR	OFF	5 D-WDR OFF/AUTO/ON#
6. DEFOG	OFF	6 DEFOG OFF/AUTO#
7. RETURN	RET ↓	7 RETURN RET#

DEFOG

1. POS/SIZE	↓	1 POS/SIZE POSITION/SIZE/RET AGAIN
2. GRADATION	0	2 GRADATION 0-2
3. DEFAULT	↓	3 DEFAULT #
4. RETURN	RET ↓	4 RETURN RET#

BACKLIGHT

BLC		
1. LEVEL	MIDDLE	1 LEVEL MIDDLE/LOW/HIGH
2. AREA	↓	2 AREA POSITION/SIZE/RET AGAIN
3. DEFAULT	↓	3 DEFAULT #
4. RETURN	RET ↓	4 RETURN RET#

DAY&NIGHT

B / W		
1. BURST	OFF	1 BURST OFF/ON
2. IR SMART	OFF	2 IR SMART OFF/ON#
3. RETURN	RET ↓	3 RETURN RET#

D&N AUTO		
1. D--N (AGC)	18	1 D--N(AGC) 1-255
2. D--N (DELAY)	58	2 D--N(DELAY) 0-60
3. N--D (AGC)	6	3 N--D(AGC) 1-255
4. N--D (DELAY)	45	4 N--D(DELAY) 0-60
5. RETURN	RET ↓	5 RETURN RET#

NR

NR		
1. 2DNR	MIDDLE	1 2DNR HIGH/MIDDLE/LOW/OFF
2. 3DNR	MIDDLE	2 3DNR HIGH/MIDDLE/LOW/OFF
3. RETURN	RET ↓	3 RETURN RET#

SPECIAL

SPECIAL		
1. CAM TITLE	ON ↓	1 CAM TITLE OFF/ON#
2. D-EFFECT	↓	2 D-EFFECT FREEZE/MIRROR/NEG.IMAGE/RETURN
3. MOTION	OFF	3 MOTION OFF/ON#
4. PRIVACY	OFF	4 PRIVACY OFF/ON#
5. LANGUAGE	ENG ↓	5 LANGUAGE ENG#/CHN1#/CHN2#/GER#/FRA#/ITA#/SPA#/POL#/RUS#/POR#/NED#/TUR#
6. DEFECT	↓	6 DEFECT #
7. RS485	↓	7 RS485 #
8. RETURN	RET ↓	8 RETURN RET#

D-EFFECT

1. FREEZE	ON	1 FREEZE OFF/ON
2. MIRROR	OFF	2 MIRROR OFF/MIRROR/V-FLIP/ROTATE
3. NEG. IMAGE	OFF	3 NEG. IMAGE OFF/ON
4. RETURN	RET ↓	4 RETURN RET#

DEFECT

1. LIVE DPC	ON ↓	1 LIVE DPC OFF/ON
2. WHITE DPC	ON ↓	2 WHITE DPC OFF/MIRROR/V-FLIP/ROTATE
3. BLACK DPC	ON ↓	3 BLACK DPC OFF/ON
4. RETURN	RET ↓	4 RETURN RET#

ADJUST

ADJUST		
1. SHARPNESS	AUTO ↓	1 SHARPNESS OFF/AUTO#
2. MONITOR	LCD ↓	2 MONITOR LCD#/CRT#
3. LSC	ON	3 LSC OFF/ON
4. VIDEO OUT	PAL	4 VIDEO OUT NISC/PAL
5. RETURN	RET ↓	5 RETURN RET#

EXIT

EXIT		
1. EXIT	RESET ↓	1 EXIT SAVE&END#/RESET#/NOT SAVE#