

AHS-T940

AHD2.0 STANDARD BOX CAMERA

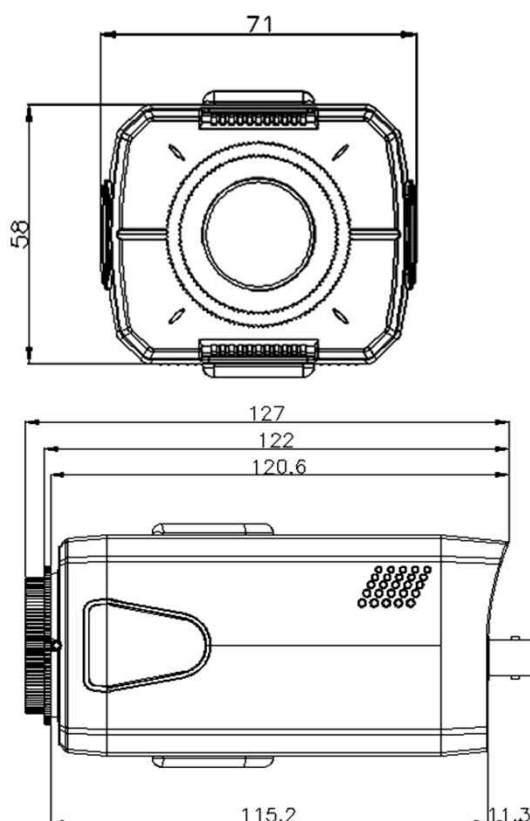


Main Features

- 1/2.8" Sony 2.9μm Pixel Progressive Starvis Color CMOS Sensor
- Approx. 2.12 Mega Pixels (Max. 1080p)
- C / CS Lens Mountable
- TDN ICR Mechanism Built-in
- WDR / 3D-DNR / DSS (Sens-up) Supported
- UTC / OSD Available
- AHD2.0 Camera (Switchable to CVBS Out Mode)



Dimension



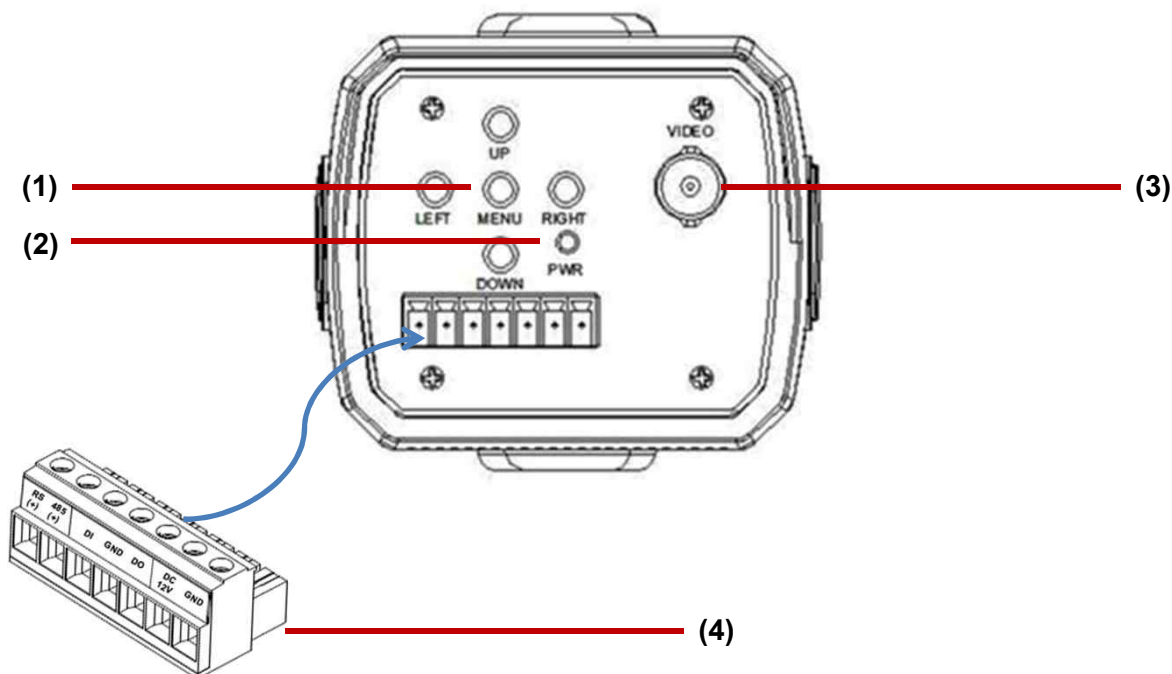
Option

- Lens (CS) – Megapixel
 - 2.8~12mm
 - 5~50mm
- Dual Voltage (DC12V & AC24V)

Specifications

Model	AHS-T940
Signal System	AHD 2.0
Pickup Device	1/2.8"(D-6.46mm) 2.12M Sony CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	2.16MP [1,945(H)x1,109(V)]
Active Pixels	2.12MP [1,937(H)x1,097(V)]
Min. Illumination	0.01Lux(F2.5 - 30IRE), 0.0003Lux(DSS on)
TDN	ICR Mechanism
Video Out	AHD, TVI, CVI or Analog CVBS AHD, TVI and CVI: 1080p@25/30 / Analog CVBS: D1
Lens	Option
Lens (Mount)	C / CS type
Angle of View	N/A
OSD	Via OSD Switch & UTC
Camera Title	Off, On(Max. 8 Characters)
Language	English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean
Exposure	DC, Manual
White Balance	AUTO, AUTOext, Preset, Manual
BLC	Off, HLC, BLC, WDR
Day & Night Mode	AUTO, COLOR, B/W, EXT. D&N
Gain Control	AGC (0~10)
Electronic Shutter	Auto, Manual, Flickerless
DSS(Sens-up)	X32
Noise Reduction	3DNR (Off, Low, Middle, High)
Mirror	Off, On(Mirror, Flip, Rotation)
Other Features	Motion Detection (4 Zones), Privacy Mask (16 Zones), ACE, D-Zoom, Defog, Gamma, Shading etc.
Communication	Pelco-D and Parantek Serial Protocol Supported RS-485 (Default: 9600bps, ID1)
Microphone	N/A
Power Source	DC 12V
Power Consumption	Less than 2Watts (160mA@DC12V)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	71(W) x 58(H) x 127(D)
Weight	423g (Giftbox Packing)

AHS-T940 QUICK MANUAL



(1) Function Setup Switch

By pressing 'MENU' key, display the camera OSD menu on the screen. Use direction keys(UP, DOWN, LEFT, RIGHT) to move the cursor in order to confirm status or changing a selected item.

(2) Power Lamp

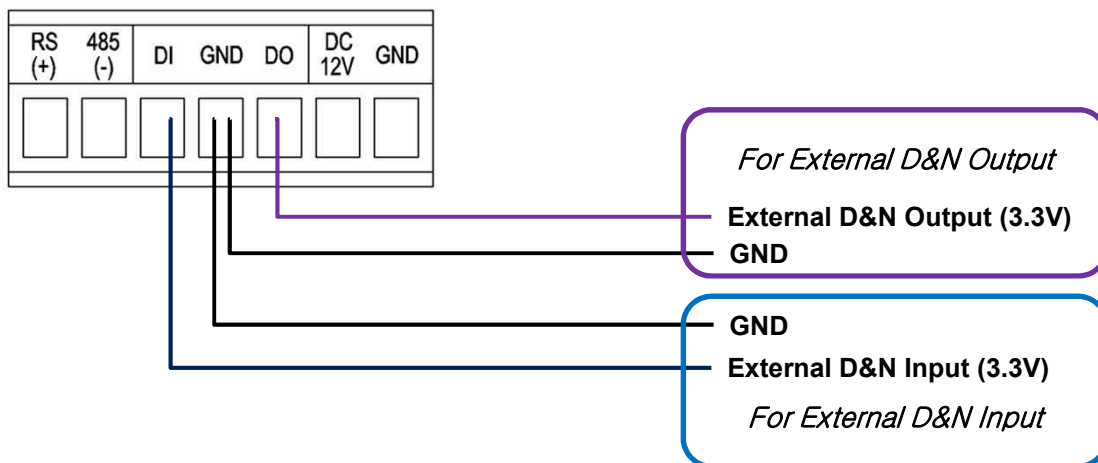
This green/red lamp is lit when the camera is receiving power normally.

(3) Video Out Connector

Sends Analog or AHD video signal and connects to the video input terminal of the CVBS or AHD monitor or AHD DVR

(4) Multi-port Terminal

Connect to the power, Serial port, External D&N port and MD signal out port properly.



SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
LENS				MANUAL / DC
ZOOM/FOCUS	FOCUS MODE			ONESHOT / MANUAL
	D&N FILTER			SYNC OFF / SYNC ON
	ONEPUSH AF			Press ENTER Key
	LENS RESET			Press ENTER Key
EXPOSURE	BRIGHTNESS			0 ~ 20 (10)
	SHUTTER	AUTO	Lens Mode DC	INDOOR / OUTDOOR / DEBLUR
			Lens Mode Manual	NORMAL /DEBLUR
		MANUAL		NTSC : 1/30 ,60,120,250,500,1K,2K,4K,8K,15K,30K PAL : 1/25 ,50,100,200,400,800,1.6K,3.2K,6.4K,12.8K,25.6K
		FLICKER		
	SENS-UP			OFF / X2/ X4/ X8 / X16 / X32
	AGC			0 ~ 10 (8)
BACKLIGHT	OFF			
	HLC	LEVEL		0 ~ 20 (10)
		COLOR		BLK ,WHT,YEL,CYN,GRN,MAG,RED,BLU
	BLC	H-POS		0 ~ 20 (6)
		V-POS		0 ~ 20 (5)
		H-SIZE		0 ~ 20 (7)
		V-SIZE		0 ~ 20 (7)
	WDR	WEIGHT		LOW/ MIDDLE / HIGH
DAY&NIGHT	AUTO	D>N THRES		0(bright) ~ 20(dark) (6)
		N>D THRES		0(bright) ~ 20(dark) (8)
		DELAY		0 ~ 9sec, 10sec, 15sec (0 Sec)
		BURST		OFF/ ON
	COLOR			
	B&W	BURST		OFF/ ON
	EXT. D&N	SMART IR		OFF /ON
		SAT. LEVEL		0 ~ 20 (10)
		EXTERN SW		HIGH /LOW
		DELAY		0 ~ 9sec, 10sec, 15sec (0sec)
		BURST		OFF/ ON
WHITE BAL	AWB	AUTO		
		AUTOext		
		PRESET		Press ENTER key
		MANUAL	C-TEMP.	3000K/ 5000K / 8000K
			R-GAIN	0 ~ 20 (10)
			B-GAIN	0 ~ 20 (10)
	COLOR GAIN			0 ~ 20 (10)
DNR				OFF/ LOW/ MIDDLE / HIGH
IMAGE	SHARPNESS			0 ~ 10 (8)
	GAMMA			0.45/ 0.55 / 0.65/ 0.75
	MIRROR			OFF /ON
	FLIP			OFF /ON
	D-ZOOM			1.0X~16.0X (1.0X)
	ACE			OFF /LOW/ MIDDLE/ HIGH

SETUP MENU	SUB MENU 1	SUB MENU 2	SUB MENU 3	VALUE
IMAGE	DEFOG	OFF		
		ON	MODE LEVEL	AUTO/MANUAL LOW/ MIDDLE/ HIGH
	SHADING	OFF		
		ON	WEIGHT	0~100% (100%)
	PRIVACY	BOX	OFF/ON	
			ZONE NUM	0~15
			ZONE DISP	OFF/ON
			H-POS	0~60
			V-POS	0~34
			H-SIZE	0~60
			V-SIZE	0~34
			Y LEVEL	0~20
			CB LEVEL	0~20
			CR LEVEL	0~20
			TRANS	0~3
		POLYGON	OFF/ON	
			ZONE NUM	0~7
			ZONE DISP	OFF/ON
			POS0-X ~POS3-X	0~120
			POS0-Y~POS3-Y	0~68
			Y LEVEL	0~20
			CB LEVEL	0~20
			CR LEVEL	0~20
			TRANS	0~3
MOTION	OFF			
	ON	DET WINDOW	WINDOW USE	0~3
			WINDOW ZONE	OFF/ON
			DET H-POS	0~60
			DET V-POS	0~34
			DET H-SIZE	0~60
			DET V-SIZE	0~34
		SENSITIVITY		0~10 (5)
		MOTION OSD		OFF/ON
		TEXT ALARM		OFF/ON
		SIGNAL OUT		OFF/ON
SYSTEM	COMM	CAM ID		0 ~ 255 (1)
		BAUDRATE		2400,4800,9600,57600,115200
		CAM ID DISPLAY		OFF/ON
	OUTPUT	FRAME RATE		1080_30p(25p), 720_30p(25p), 720_60p(50p), 1080_60i(50i), 1080_60p(50p) * 1080_60p(50p) will be available only for BT.1120 mode.
		FREQ		50Hz(PAL) / 60Hz(NTSC)
		ANALOG MODE		CVBS / HD_T / HD_C / HD_A
		CVBS OUT MODE		CUT / FULL
	LANGUAGE			ENG/ CHINESE/ CHINESE(S)/ JAPANESE/ KOR
	CAM TITLE	OFF		
		RIGHT UP		0 ~ 9, A ~ Z, blank
		LEFT DOWN		0 ~ 9, A ~ Z, blank
FACTORY DEFAULT				Reset to factory setting
EXIT				Exit SETUP menu