

DCS-T550

HD-SDI STANDARD BOX CAMERA

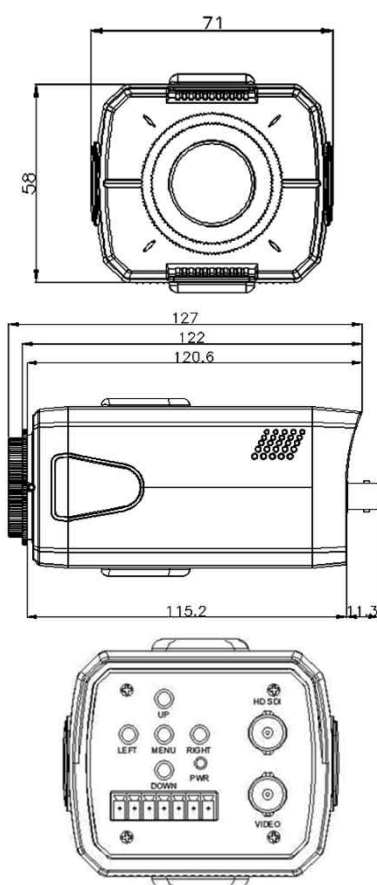


Main Features

- 1/3" 2.12M(1080p) Panasonic CMOS Sensor
- 2Mega Pixels (1080p25/30, 720P50/60)
- C / CS Lens Mountable
- TDN ICR Mechanism Built-in
- WDR / 3D-NR / DSS(Sens-up) Supported
- OSD Available
- HD-SDI Video Out Supporting standard SMPTE protocol
- Analog Composite Video Out



Dimension



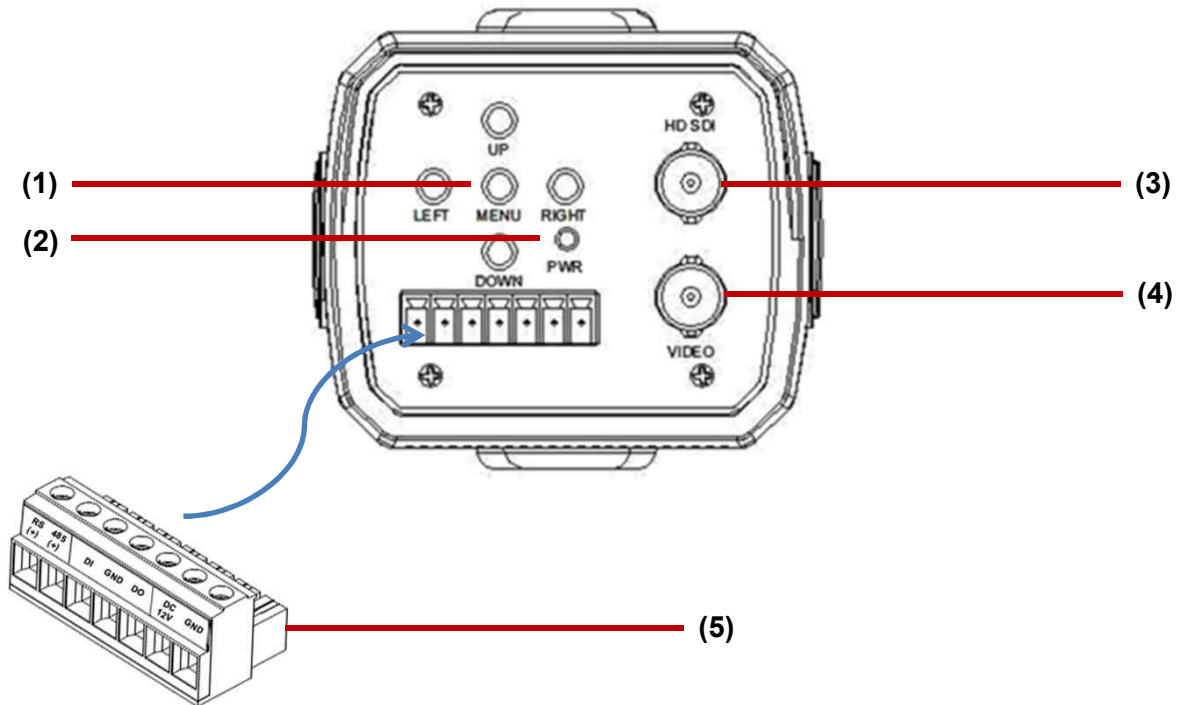
Option

- Lens (C/CS) – Megapixel
 - 2.8~12mm / 5~50mm
 - Motorized Zoom

Specifications

Model	DCS-T550
Signal System	HD-SDI (Serial Digital Interface) or EX-SDI
Pickup Device	1/3"(D-6mm) 2.12M Panasonic CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	2.22M [2010(H)x1108(V)]
Active Pixels	2.12M [1944(H)x1092(V)]
Scanning Frequency	30Hz(VD) for NTSC out 25Hz(VD) for PAL out
Min. Illumination	0.06Lux(F2.5~30IRE), 0.03(ICR on), 0.002Lux(DSS on)
TDN	ICR Mechanism
H-Resolution	More than 1,000TV Lines(H)
S/N Ratio	More than 50dB (AGC off)
Video Out 1 (BNC)	HD-SDI or EX-SDI: 1080p@25/30, 720p@50/60
Video Out 2 (BNC)	Composite Video 1V p.p (NTSC/PAL - 75Ω)
Lens	Option
Lens (Mount)	C / CS type
OSD	5 push type switches
Camera Title	Off, On(Max. 10 Characters)
Language	English, Chinese(Simplified), Chinese(Traditional), Japanese, Korean
Exposure	DC, Manual
White Balance	AWB, ATW, Push Lock, Manual
BLC	Off, HLC, BLC, WDR * WDR is not operated when manual shutter mode or CVBS output mode is selected.
Day & Night Mode	AUTO, COLOR, B/W, EXT
Gain Control	AGC (1~20)
Electronic Shutter	1/25(30)~1/30,000sec
Noise Reduction	3DNR (Off, Low, Middle, High)
DSS(Sens-up)	X32
Mirror	Off, On(Mirror, Flip)
Other Features	Motion Detection (4 Zones), Privacy Mask (16 Zones), Flickerless, Lens Shading, Gamma, D-zoom, Defog etc.
Communication	RS485 (Pelco-D compatible, ParanTek KP Protocol) Default: 9600bps – Protocol Auto Detect
No. of Camera ID	Up to 255
Via DI	D&N Change with 3.3V (Day & Night Mode -> EXT)
Power Source	DC12V
Power Consumption	Less than 3 Watts (250mA)
Operating Temp.	-10℃ ~ 55℃ (Humidity :0%RH ~ 90%RH)
Size (mm)	71(W) x 58(H) x 127(D)
Weight	428g (Giftbox Packing)

DCS-T550 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) SDI Video Out Connector

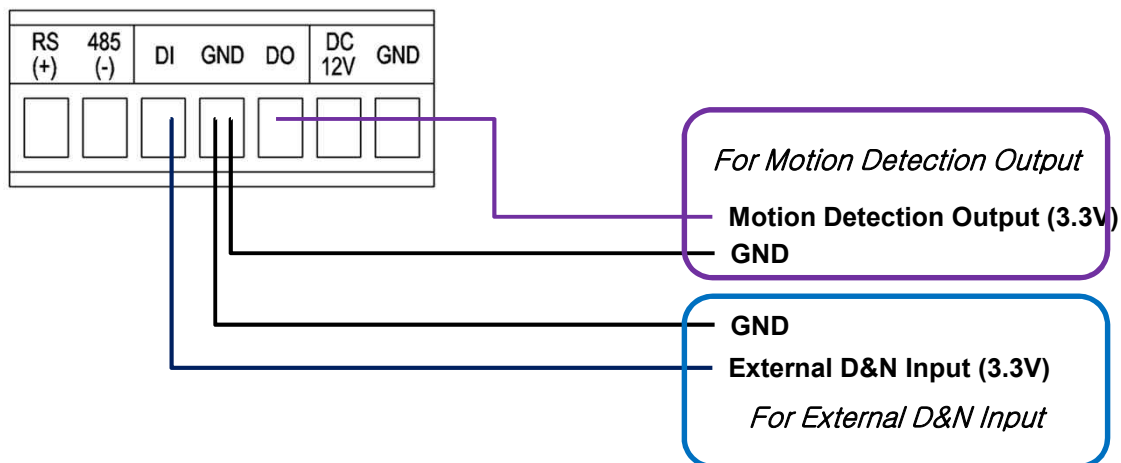
Sends SDI video signal and connects to the video input terminal of the SDI monitor or SDI DVR

(4) CVBS Video Out Connector

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

(5) Multi-port Terminal

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



SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE
LENS	DC			INDOOR/OUTDOOR/DEBLUR
	MANUAL			NORMAL/DEBLUR
EXPOSURE	BRIGHTNESS			0 ~ 20
	AGC			0 ~ 20
	SHUTTER MODE			AUTO/ MANUAL/FLICKERLESS
	SHUTTER SPEED			1/30(25),60(50),120(100),250,700,1K,1.6K,2.5K,5K,7K,10K,30K
	SENS-UP			OFF/ X2/ X4/ X8 / X16 / X32
WHITE BALANCE	AWB			
	ATW			
	PUSH LOCK			Press ENTER key
	MANUAL	COLOR TEMP.		3000K/ 5000K/ 8000K
		R-GAIN		0 ~ 20
		B-GAIN		0 ~ 20
BACKLIGHT	OFF			
	HLC	LEVEL		0 ~ 20
		COLOR		BLK,WHT,YEL,CYN,GRN,MAG,RED,BLU
	BLC	H-POS		0 ~ 20
		V-POS		0 ~ 20
		H-SIZE		0 ~ 20
		V-SIZE		0 ~ 20
	WDR	WEIGHT		LOW/ MIDDLE/ HIGH
DNR				OFF/ LOW/ MIDDLE/ HIGH
DAY&NIGHT	AUTO	DWELL TIME		0 ~ 9sec, 1sec/step
		AGC THRES		0(bright) ~ 20(dark)
		AGC MARGIN		0(bright) ~ 20(dark)
	COLOR			
	B&W			
	EXTERN / CDS	DWELL TIME		0 ~ 9sec, 1sec/step
		D->N LEVEL		0(bright) ~ 20(dark)
		N->D LEVEL		0(bright) ~ 20(dark)
		SMART IR		OFF/ON
		LEVEL		0 ~ 20
		CDS POLARITY		LOW/HIGH
IMAGE	SHARPNESS			0 ~ 20
	COLOR LEVEL			0 ~ 20
	MIRROR			OFF/ ON
	FLIP			OFF/ ON
	LENS SHADING	OFF/ ON		WEIGHT 0~100%
	GAMMA			0.45/ 0.55/ 0.65/ 0.75
	D-ZOOM			1~16X
	ACE	OFF		
		MODE		ALWAYS/ NIGHT ONLY
		LEVEL		LOW/ MIDDLE/ HIGH
	DEFOG	AUTO/ MANUAL		LOW/ MIDDLE/ HIGH

SETUP MENU	SUB MENU1	SUB MENU2	SUB MENU3	VALUE
SPECIAL	COMM. ADJUST	CAM ID		0 ~ 255
		BAUDRATE		2400,4800,9600,19200,38400,57600,115200
		PROTOCOL		PELCO-D
	PRIVACY	BOX	OFF	
			MASK SEL	0 ~ 15
			MASK MODE	OFF/ ON
			H-POS	0 ~ 60
			V-POS	0 ~ 34
			H-SIZE	0 ~ 40
			V-SIZE	0 ~ 34
			Y LEVEL	0 ~ 20
			CB LEVEL	0 ~ 20
			CR LEVEL	0 ~ 20
			TRANS	0 ~ 3
		POLYGON	OFF	
			MASK SEL	0 ~ 7
			MASK MODE	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		
		DET WINDOW	WINDOW SEL	0 ~ 3
			WINDOW MODE	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
		MOTION OSD		OFF/ON
		TEXT ALARM		OFF/ ON
		SIGNAL OUT		OFF/ ON
SYSTEM	SDI OUT			HD-SDI/ EX-SDI
	SDI FORMAT			1080_30p/ 1080_25p/ 720_30p/ 720_25p/ 720_60p/ 720_50p
	FREQ(NT/PAL)			60Hz(NTSC)/ 50Hz(PAL)
	CVBS OUT			OFF/ ON
	LANGUAGE			ENG/ CHINESE/ CHINESE(S)/ JAPANESE/ KOR
	CAM TITLE			0 ~ 9, A ~ Z, blank
FACTORY DEFAULT				Reset to factory setting
RETURN				Return to previous menu
EXIT				Exit SETUP menu