



Model NO.	CTSD90SNHD.
<b>Camera</b>	
Image Sensor	1/2.8" SONY CMOS(IMX136)
DSP	Nextchip(NVP2421)
Image Resolution	PAL: 30fps@1080P(1920×1080); NTSC: 60fps@1080P(1920×1080)
Effective Pixels	1920(H) x 1080 (V)
TV System	PAL/NTSC
Electronic Shutter	Auto / Manual / Flicker
Sync System	Internal
Usable Illumination	Color: 1.0Lux/F1. 4, B/W: 0.5Lux /F1. 4
S/N Ratio	≥50dB
Scanning System	Progressive Scan
Video Output Mode	1CH HD-SDI High-definition Video (1080P or 720P)
Video Output Level	HD-SDI /(1.0 Vp-p 75Ω, Composite)
<b>Lens</b>	
Focus Length	2.8-12mm
Focus Control	Manual
Lens Type	Manual
Pixels	3M Pixels
Auto Iris Support	NO

<b>Night Vision</b>	
Infrared LED	Φ 5X72PCS
Infrared Distance	60M
IR Status	Under 10 Lux by CDS
IR Power On	CDS Auto Control

<b>Camera Features</b>	
Day/Night	Auto (ICR) / Color / B&W
OSD Menu Language	Chinese, Traditional Chinese, English, Japanese, Korean, German, French , Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew, Arabic
Wide Dynamic Range	WDR
Defog	YES
Backlight Compensation	YES
HLC	YES
White Balance	Auto/Manual
Gain Control	Auto / Manual
Noise Reduction	Smart NR
Motion Detection	4 Areas
Digital Zoom	X62
Sense Up	X30
Picture Adjustment	YES, Mirror / Flip / Brightness / Sharpness
UTC Support	NO
<b>General</b>	
Weatherproof Housing	YES, IP66
Anti-cut Bracket	YES, Cable built-in Bracket
Dual Voltage	NO
IR Cut Filter	YES
Heater	NO
Operation Temperature	-10 ~ +50 RH95% Max
Storage Temperature	-20 ~ +60 RH95% Max
Power Source	DC12V±10%, 1000mA
Dimension	260(W)x98(H)x95(D)mm
Weight	1.7Kg