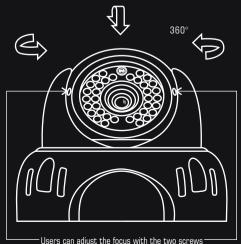


420TVL ~ 700TVL V8I & V9I SERIES IR DOME CAMERA

SONY 1/3" Super **HAD CCD II** $_{\text{m}}$ SONY 1/3" Ex-View Super **HAD CCD II** $_{\text{m}}$ 420TVL \sim 700TVL Resolution 3.6 mm Fixed Lens (V81) 4 \sim 9 mm Vari-Focal Lens (2.9 \sim 12 mm Lens Optional) (V91) 0 Lux with IR on OSD Setup WDR, SMART IR, DNR...

www.dvigilant.com



Users can adjust the focus with the two screws on the housing to get a clear image.
(V91 series only)

420TVL ~ 700TVL V8I & V9I SERIES IR DOME CAMERA

■ HIGH RESOLUTION (600 & 700 TVL)





CONVENTIONAL CAMERA

HIGH RES. CAMERA

■ DNR (Dynamic Noise Rejection)





DNR OFF

DNR ON

■ SMART IR





SMART IR OFF

SMART IR ON

■ WDR (Wide Dynamic Range)





WDR OFF

WDR ON

■ TECHNICAL SPECIFICATIONS

Model	V81-SSSN-i24	V81-HNBN-i24 V91-HNBN-i36 V81-HNBP-i24 V91-HNBP-i36 V81-UNBN-i24 V91-UNBN-i36 V81-UNBP-i24 V91-UNBP-i36	V81-VEEN-i24 V81-VEEP-i24	V91-VEEN-i36 V91-VEEP-i36
System	N = NTSC, P = PAL			
Image Sensor	SONY 1/3" Super HAD CCD II SONY 1/3" Ex-View Super HAD CCD II			
Lens Type	V81 $=$ 3.6 mm fixed Lens, V91 $=$ 4 \sim 9mm Vari-Focal Lens (2.9 \sim 12 mm Lens Optional)			
Scanning System	2:1 Interlace			
Scanning Frequency (H)	15734 Hz (NTSC), 15625 Hz (PAL)			
Scanning Frequency (V)	59.94 Hz (NTSC), 50.00 Hz (PAL)			
Sync. System	Internal			
Signal System	525 Lines (NTSC), 625 Lines (PAL) 270K (NTSC), 320K (PAL) = 420TVL 480K (NTSC), 570K (PAL)			
Total Pixels		AL) = 480TVL / 600TVL = 700TVL		
S/N Ratio	More Than 48		More Than 52	dB (AGC OFF)
Gamma	_		electable with OSD	
Resolution	V81-S / V91-S = 420TVL, V81-H / V91-H = 480TVL, V81-U / V91-U = 600TVL, V81-V / V91-V = 700TVL			
Video Output Level	1.0 Vp-p (75 Ohms, Composite)			
Focus Mode	Manual			
Min. Illumination	OLux with IR on AUTO ATW1 / ATW2 / MANUAL / AWC-SET Adjustable with OSD			
White Balance AGC	AUTO	AGC Level Adjustable with OSD AGC Level Adjustable with OSD		
BLC	AUTO	64 Windows Adjustable with OSD		
Exposure (AE/ME)	A010	,		
Day/Night Switching Delay	_	1~63 Sec. Adjustable with OSD		
Mirror	_	On/Off Adjustable with OSD		
Flicker Free Mode		Shutter Fixed Mode to 1/120 (PAL) &		
(Shutter Fixed)	_	1/100 (NTSC)Adjustable with OSD		
Pro. Functions Access	_	Five-way Switch OSD Control		
Motion Detection	_	4 Areas Selectable and Remote Control		
Privacy Mask Function	_	ON/OFF (8 Programmable Areas)		
Lens shade compensations	_	ON/OFF Adjustable		
D-WDR (WDR)	_	Digital WDR ON / OFF	WDR Of	N / OFF
Video O/P selection	_		USER selectable	
Sharpness	— Sharpness Level Adjustable with OSD			
IR LED	i24 = IR Camera, 24 LED (5mm), i36 = IR Camera, 36 LED (5mm)			
Current Consumption	V81 = 110 mA / 12 V DC (295 mA / 12 V DC with IR on) V91 = 110 mA / 12 V DC (360 mA / 12 V DC with IR on)			
Power Supply	DC 12V \pm 1V			
I/O Connector	Video Output: Molded (Pig Tail) BNC Connector and 12V DC Input: DC Socket			
Operating Temp	-10 °C ~ +50 °C (14 °F ~ 122 °F)			
Dimensions	V81 = 110.5mm X 80mm(H), V91 = 140mm X 98mm(H)			
Weight	Approx. 355g Approx. 735g Approx. 360g Approx. 740g Approx. 360g Approx. 740g			

^{* &}quot;Super HAD CCD || & Ex-View Super HAD CCD ||" are trademark of Sony Corporation.

■ BLC (Back Light Compensation)



BLC OFF



AGC (Auto Gain Control)





AGC OFF (Day time low light)

AGC ON (Day time low light)

DIMENSIONS

