

D-vigilant
digital your life



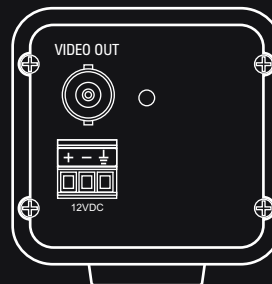
V50

Lens: Optional

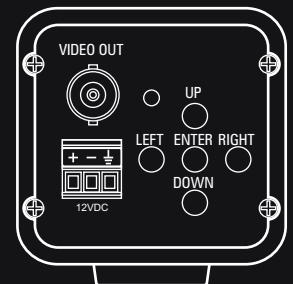
420TVL ~ 700TVL V50 SERIES BOX CAMERA

SONY 1/3" Super HAD CCD II™
SONY 1/3" Ex-View Super HAD CCD II™
420TVL ~ 700TVL Resolution
DC AUTO IRIS Lens
0.01 Lux@F1.2
OSD Setup
WDR, ATR, DNR...

www.dvigilant.com



No OSD Located
On the Back of the Camera



Five Buttons Located
On the Back of the Camera

420TVL ~ 700TVL V50 SERIES BOX 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

BLC (Back Light Compensation)



BLC OFF

BLC ON

AGC (Auto Gain Control)



AGC OFF (Day time low light)

AGC ON (Day time low light)

TECHNICAL SPECIFICATIONS

Model	V50-SSSN V50-SSSP	V50-HSSN V50-HSSP	V50-HNBN V50-HNBP	V50-UNBN V50-UNBP	V50-VEEN V50-VEEP
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	DC AUTO IRIS Lens				
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)				
Total Pixels	270K (NTSC), 320K (PAL) = 420TVL 410K (NTSC), 440K (PAL) = 480TVL / 600TVL			480K (NTSC), 570K (PAL) = 700TVL	
S/N Ratio	More Than 48 dB (AGC OFF)			More Than 52 dB (AGC OFF)	
Gamma	— 0.45 Default, Selectable with OSD				
Resolution	V50-S = 420TVL, V50-H = 480TVL, V50-U = 600TVL, V50-V = 700TVL				
Video Output Level	1.0 Vp-p (75 Ohms, Composite)				
Focus Mode	Manual				
Min. Illumination	0.01Lux@F1.2				
White Balance	AUTO		ATW1 / ATW2 / MANUAL / AWC-SET Adjustable with OSD		
AGC	AUTO		AGC Level Adjustable with OSD		
BLC	AUTO		64 Windows Adjustable with OSD		
Exposure (AE/ME)	—		AUTO/MANUAL Adjustable with OSD [1/50 (1/60) to 1/120,000]		
Day/Night Switching Delay	—		1~63 Sec. Adjustable with OSD		
Mirror	—		On/Off Adjustable with OSD		
Flicker Free Mode (Shutter Fixed)	—		Shutter Fixed Mode to 1/120 (PAL) & 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 ON / OFF	
Video O/P selection	—		CRT LCD and USER selectable		
Sharpness	—		Sharpness Level Adjustable with OSD		
Current Consumption	90mA / 12V DC				
Power Supply	DC 12V ± 1V				
I/O Connector	Video Output: Molded BNC Connector and Power Input: DC Terminal				
Operating Temp	-10 °C ~ +50 °C (14 °F ~ 122 °F)				
Dimensions	80.5 mm (L) X 54.0 mm (W) X 51.5 mm (H)				
Weight	Approx. 215g		Approx. 220g		

* "Super HAD CCD II & Ex-View Super HAD CCD II" are trademark of Sony Corporation.

DIMENSIONS

