

AVC-VA92SVLT50(-G)

HD TVI / EX SDI & HD SDI / ANALOG



AIB-IR™ (Auto Intensity & Brightness)

Equipped with six AIB-IR™ (Auto Intensity & Brightness control), this feature not only has Smart IR™ control (Brightness), but also it has IR intensity control depends on focal length of the lens. This will prevent overly exposed image of IR and halo effect commonly seen on most IR cameras today.



Induction Defroster™ (Heating line)

This feature efficiently prevents fog, frost, and any problems may caused by cold weather. Currently only equipped on our outdoor dome cameras with AIB-IR™ technology.



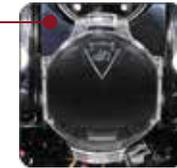
IDP™ Isolation Dual Power

Our patent pending IDP™ Isolation power will provide power to the camera more efficiently and safely by protecting the camera from surge, ground noise, and etc. (Available on DC12V/24VAC models only)



5.0 - 50mm Megapixel Lens

5.0 - 50mm Megapixel Lens allow users to install on wide variety areas and environment.



FOCUS ASSISTOR™

Focus Assistor™ is a very unique feature that uses same thickness filter as the dome cover to help focusing easy and clear. Focus Assistor™ is very useful tool on 5-50mm zoom lens to make the camera in perfect focus.



Dual HD Video Output

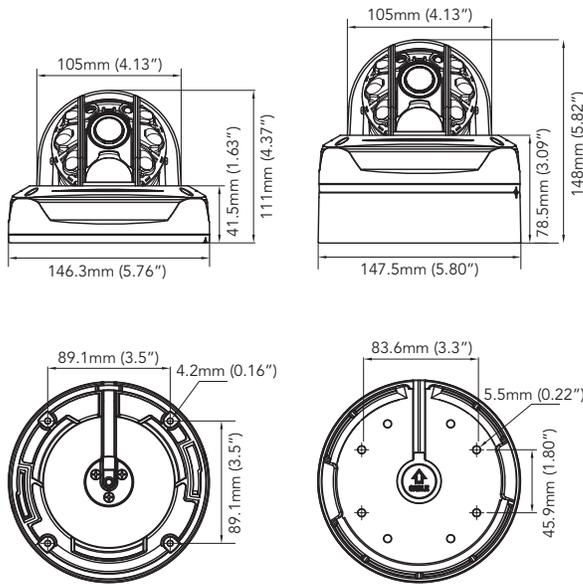
Both EX-SDI/HD-SDI and HD-TVI output provide Full HD @ 30fps real-time video simultaneously. This feature allows to connect up to 2 High Definition DVR's or 1 High Definition DVR and 1 Live High Definition TV/Monitor at the same time.

2pcs Design Junction Box

Included junction box makes easy to store cable connections. Flat surface of a camera bottom will also allow camera to be installed without junction box if necessary.



Vandal Proof Dome The camera housing is made with industrial strength steel-alloy metal with high quality poly-carbon dome cover protecting from most severe vandalism.



Unit : mm (inch)

DESCRIPTION	AVC-VA92SVLT50(-G)	
Image Sensor	1/2.9" 2.4 Megapixel Sony Exmor CMOS	
Image Resolution	1920 x 1080	
Scanning System	Progressive	
Video Output	HD-TVI, EX-SDI / EX-SDI, CVBS (OSD Selectable)	
S/N Ratio	More than 52dB	
Min. Illumination	0.02Lux (Sens-up x32)	
Iris Adjustment	ALC / ELC	
Lens	5.0 ~ 50mm MP DC Auto Iris Varifocal Lens (ICR)	
Electronic Shutter	Off / Auto (1/30 ~ 1/30,000) FLK Manual (x2 ~ x30)	Off / Auto (1/25 ~ 1/25,600) FLK Manual (x2 ~ x30)
OSD Language	English / Chinese / Japanese / Korean	
Backlight Compensation (BLC)	Yes	
Day & Night	Color / B/W / External / Auto	
Auto Gain Control (AGC)	Level (0 ~ 10) Adjustment	
White Balance	Auto / Auto-EXT / Preset / Manual	
Privacy Masking	On / Off (Programmable 16 zones)	
DNR	Off / Low / Middle / High	
Defog	On / Off	
Adaptive Contrast Enhancement (ACE)	Off / Low / Middle / High	
Sens-up	Off / x2 ~ x32	
Motion Detection	4 Areas	
Digital Effect	Off / V-flip / Mirror	
Defect Correction	Live DPC (Dead Pixel Correction)	
RS-485	Yes, UTC (Up-the-Coax)	
IR LED	AIB-IR™: 6pcs (200ft.*)	
Input Voltage	DC 12V (±10%) / AC 24V - Dual Voltage	
Heater Operation	The Internal Temperature	
Specification	Off: 20° / On: -20°	
Power Consumption	DC IR Off: 300mA (Max.) / DC IR On: 800mA (Max.) AC IR Off: 250mA (Max.) / AC IR On: 700mA (Max.)	
Operating Environment	-40°F ~ 140°F (-40°C ~ 60°C) / 10% ~ 90% Relative Humidity	

*IR distance range varies depending on the environment

AVYCON®

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