

AVC-VA91MLT

HD TVI / EX SDI & HD SDI / ANALOG

HD OVER COAX & UTP

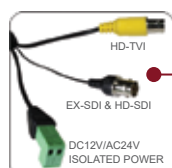
Smart IR™

Equipped with Smart IR™ technology which prevents overly exposed image due to IR reflection. It also balances out the night time image if IR is being reflected off of a closer object.



High Quality DC Iris Varifocal Lens

High quality DC Iris 4x Megapixel Zoom Lens (2.8-12mm) provides superior picture quality which is very important for today's high definition cameras. (Available on "VLT" models only)



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.

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.

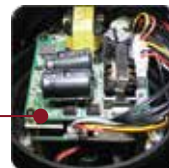


Heater & Thermostat Module

Camera has on-board heater & thermostat module which allows continuous operation on temperature below -22 degrees in Fahrenheit.

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.

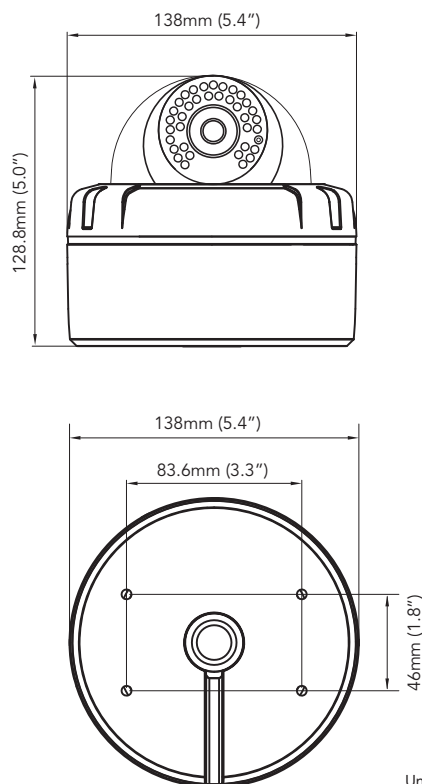


AQUA-SEAL™ Design Rated for IP68

Fully water-sealed for harsh weather environment and protects from corrosion that commonly appears on conventional cameras.

Twist-Lock™ Base Tray (Included)

Hassle free twist and lock design saves time during installation. It also has enough room for cable storage and can be used as a junction box.



Unit : mm (inch)

DESCRIPTION	NTSC	PAL
Image Sensor	1/2.9" 2.4Megapixel Sony Exmor CMOS	
Image Resolution	1920 x 1080	
Scanning System	Progressive	
Video Output	HD-TVI, EX-SDI / HD-SDI, CVBS (OSD Selectable)	
S/N Ratio	More than 52dB	
Min. Illumination	0.02Lux (Sens-up x32)	
Iris Adjustment	ALC / ELC	
Lens	2.8 ~ 12mm MP Varifocal Lens (ICR)	
Electronic Shutter	AUTO (1/30 ~ 1/60,000)	AUTO (1/25 ~ 1/60,000) FLK
OSD Language	English / Chinese / Japanese / Korean	
Backlight Compensation (BLC)	Off / HLC / BLC / WDR	
Day & Night	Color / B/W / External / Auto	
WDR	Off / Low / Middle / High	
Auto Gain Control (AGC)	Level (0 ~ 20) Adjustment	
White Balance	Auto / Auto-EXT / Preset / Manual	
Privacy Masking	On / Off (Programmable 16 zones)	
DNR	Off / Low / Middle / High	
Smart IR (Anti-SAT)	Anti-SAT (0 ~ 20) Adjustment	
LSC	On / Off	
Gamma	0.45 / 0.5 / 0.55 / 0.6 / 0.65	
Defog	On / Off	
Digital Zoom	On / Off (x1 ~ x8.0)	
Defect Correction	Live DPC / DPC Set (Dead Pixel Correction)	
Sens-up	Off / x2 ~ x32	
Motion Detection	4 Areas	
Digital Effect	Off / V-Flip / Mirror / Rotate	
RS-485	Yes, UTC (Up-the-Coax)	
IR LED	36pcs (95ft.*)	
Input Voltage	DC 12V	
Power Consumption	DC IR Off : 200mA (Max.) / DC IR On : 450mA (Max.) AC IR Off : 190mA (Max.) / AC IR On : 350mA (Max.)	
Operating Environment	-4°F ~ 140°F (-20°C ~ 60°C) / Max. 90% RH	
Storage Environment	-4°F ~ 140°F (-20°C ~ 60°C) / Max. 90% RH	

*IR distance range varies depending on the environment

AVYCON®

☎ 949-752-7606 🌐 www.avycon.com ✉ info@avycon.com

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