



MONARCH 650 TVL

AM-E656-VMR1

**D-WDR IR
Varifocal Dome Camera**



Superior Engineering Design & Sensational Image Quality

AM-E656-VMR1

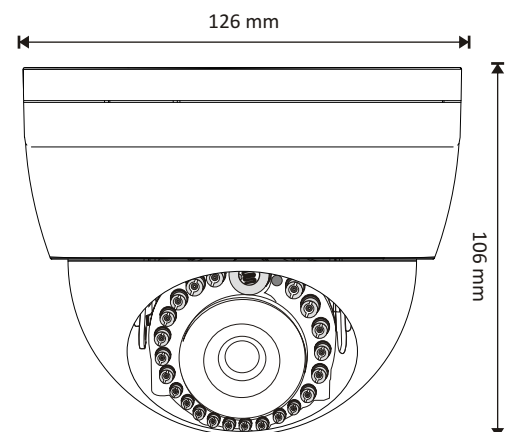
D-WDR IR Varifocal Dome Camera

Features :

- Sony 1/3" 960H Super HAD CCD II
- Super Excellent 650TVLine Resolution with 800TVL at B&W
- Support ATR (Adaptive Tone-Curve Reproduction)
- True & Soft Day/Night for all 24/7 Surveillance mode
- Super Extra Noise Reduction(2DNR) to Save the HDD Storage
- Varifocal 3.5 to 12mm Auto Iris Lens With ICR
- High Intensity 18IR LED Night Vision up to 15 to 18M
- Adjustable Backlight Compensation Window for True BLC Effect
- Low Illumination 0.3Lux with noise free image
- OSD Menu Control for easy & user friendly Customer Ease
- Super AGC Control, Color & Image Control
- Motion Detection, Privacy Masking, Camera ID, Mirror
- Support 12VDC/24VAC Power



Dimension :



Specifications :

Model	AM-E656P-VMR1	AM-E656N-VMR1
Signal System	PAL	NTSC
CCD Type	1/3" 960H Super HAD CCD ² IS	
Effective Pixels	976(H) x 582(V)	976(H) x 494(V)
Scanning Frequency	H : 15.625 KHz V : 50 Hz	H : 15.734 KHz V : 60 Hz
Horizontal TVLine Resolution	650TVL at Color, 800TVL at B/W	
ATR	On/Off (Luminance & Contrast Adjustable)	
Day/Night	Color / B&W / Auto / EXTERN	
Digital Noise Reduction	2 DNR, On/Off Selectable	
Sens-Up	Auto/ Manual Selectable x2 to x32 level	
Lux Level(illumination)	0.3Lux at 40 IRE Color, 0Lux at IR Led On	
IR LED	18pcs 0.5mm	
IR Wave Length	850~880nm Infrared	
IR Distance	up to 15 ~ 18Meter	
Gamma	Default 0.45, Adjustable 0 to 100	
Gain Control(AGC)	X0.25 / X0.50 / X0.75 / X1.00	
White Balance	ATW / PUSH / USER1 / USER2 / ANTI CR / MANUAL/ PUSH LOCK	
Light Compensation	Off/ BLC / HLC Programmable Zone	
Lens	3.5 to 12MM DC Auto IRIS Varifocal with ICR	
Lens Control	Auto(Mode & Speed Adjustable) / Manual	
Camera ID Name	On/Off	
Privacy Masking	Up to 12 Zones	
OSD Menu Control	Yes	
Mirror	On/Off	
Motion Detection	On/Off Selectable (up to 4 Zone)	

Specifications :

Image Control	Brightness, Contrast, Sharpness, Hue, Gain
Scanning Type	2:1 Interlace
S/N Ratio	52dB @ AGC Off
Shutter Speed Control	AUTO(1/50-1/100,000s) / Manual(Shutter & AGC Adjustable)
Synchronous System	Internal / Line Lock
Video output	1.0Vp-p, 75Ω , BNC Cable Connector
Power Supply	DC 12V +- 10%, DC Cable Connector
Power Consumption	<150mA @ 12VDC, 190mA @ 24VAC
Operating Temperature	-10°C ~ + 50°C
Operating Humidity	30% ~ 90% RH
Dimensions(W×D×H)	126mm (W) x 126mm (D) x 106mm (H)
Weight (g)	340g
Enclosure	3 Axis Bracket, ABS Plastic with illustration Dome Cover

* Product specifications and appearance may be changed without prior notice due to improvements.



Scan with your
Smart phone for
more information

AVTRON

<http://www.asi.ind.in>