



**MONARCH 540 TVL**

**AM-H546-VMR1**

**3 Axis D-WDR IR  
Varifocal Dome Camera**



**Superior Engineering Design & Sensational Image Quality**

## AM-H546-VMR1

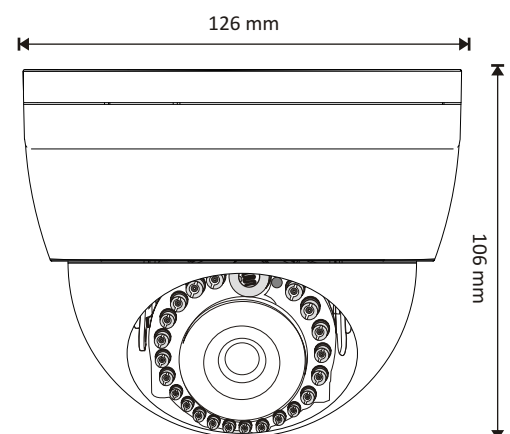
### 3 Axis D-WDR IR Varifocal Dome Camera

#### Features :

- 1/3" Sony Super HADII S.Sensitivity Color IS
- Super High 540TVL effectual at Color, 600TVL effectual at B/W
- Digitally Wide Dynamic Range(D-WDR)
- True & Soft Day/Night for all 24/7 Surveillance mode
- High Intensity 18IR LED Night Vision up to 15 to 18M
- Smart IR Function for True Face Identification at External IR Source
- Support up to Sens-Up 2x to 256x
- Support Customization Area for BLC & HSBL
- Color Rolling Suppression
- Varifocal 3.5 to 12mm Auto Iris Lens With ICR
- Super Extra Noise Reduction(3-DNR) to Save the HDD Storage
- Low Lux 0.15Lux (Color), 0.0005Lux (Sens-up) with Noise Free Image
- programmable Shutter & Exposure Mode Auto, Flicker, Manual
- OSD Menu Control for easy & user friendly Customer Ease
- Support Digital Zooming up to 32X
- Image Flip(Horizontal & Vertical) for Fast/ Easy any Order installation
- Motion Detection, Privacy Masking, Camera ID
- Remote OSD Control by RS485 Coaxial cable Threw Pelco Protocol(Optional)
- Support 12VDC/24VAC Power



#### Dimension :



## Specifications :

|                              |                                                                             |                          |
|------------------------------|-----------------------------------------------------------------------------|--------------------------|
| Model                        | AM-H546P-VMR1                                                               | AM-H546N-VMR1            |
| Signal System                | PAL                                                                         | NTSC                     |
| Image Sensor                 | 1/3" Super HADII S.Sensitivity IS                                           |                          |
| Effective Pixels             | 752(H) x 582(V)                                                             | 768(H) x 494(V)          |
| Scanning Frequency           | H : 15.625 KHz V : 50 Hz                                                    | H : 15.734 KHz V : 60 Hz |
| Horizontal TVLine Resolution | 540TVL effectual at Color, 600TVL effectual at B/W                          |                          |
| D-WDR Range                  | Indoor / Outdoor                                                            |                          |
| Day/Night                    | Color / B&W / Auto / EXTERN                                                 |                          |
| Digital Noise Reduction      | 3 DNR, On/Off Selectable                                                    |                          |
| Sens-Up                      | AUTO / OFF/manual (Selectable x2 ~ x256)                                    |                          |
| Lux Level(illumination)      | 0.15Lux @ F1.2 @ Color , 0.0005Lux@sens-up, 0 Lux @ IR LED On               |                          |
| IR LED                       | 18pcs 0.5mm                                                                 |                          |
| IR Wave Length               | 850~880nm Infrared                                                          |                          |
| IR Distance                  | up to 15 ~ 18Meter                                                          |                          |
| Gamma                        | Auto/ Adjustable 0 to 100(Default 0.45)                                     |                          |
| Gain Control(AGC)            | Auto / Low / High / Off                                                     |                          |
| White Balance                | ATW1 / ATW2 / AWC / MANUAL                                                  |                          |
| Light Compensation           | Off/ BLC / HLC (programmable Zone)                                          |                          |
| Lens                         | 3.5 to 12MM DC Auto IRIS Varifocal with ICR                                 |                          |
| Color Rolling Control        | Yes                                                                         |                          |
| Digital Control              | Digital PTZ up to X32, Horizontal/Vertical Flip, Freezee, Rotate, Neg.Image |                          |
| Camera ID Name               | On/Off                                                                      |                          |
| Privacy Masking              | Up to 4 Adjustable Zones                                                    |                          |
| OSD Menu Control             | Yes                                                                         |                          |
| Mirror Control               | Yes                                                                         |                          |

## Specifications :

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| RS-485 Communication  | Optional (Yes, Pelco-D protocol, 2400 ~ 57600BPS Selectable) |
| Motion Detection      | ON / OFF Adjustable 4 Zone, ALARM Output support             |
| Image Control         | Brightness Red, Blue Gain, Sharpness, Contrast               |
| S/N Ratio             | 50dB @ AGC Off                                               |
| Shutter Speed Control | AUTO(1/50, 1/60s-1/100,000s) / FIXED / FLK / Manual          |
| Synchronous System    | Internal/Line Lock Selectable                                |
| Video output          | 1.0Vp-p, 75Ω, BNC Cable Connector                            |
| Power Supply          | DC 12V +- 10%, DC Cable Connector                            |
| Power Consumption     | <140mA @ 12VDC, 100mA @ 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.



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