



VALUE 

## Value Fix Dome

### 2MP/4MP/5MP/8MP Fixed Dome Network Camera

#### AI Video Analytics

Real-time High Definition Camera Using the state of art video compression engine, real time HD video streams of 1080i/720p can be delivered for recording and monitoring. As a result, ultimate low speed without fluctuations as well as ultra high speed without jerks can be obtained.

#### Triple codec, Simultaneous Multi Streaming

Triple codec, Simultaneous Multi Streaming Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to monitor video remotely using H.265 and transmit to Network Video Recorder as well.

#### Day & Night by ICR

Day & Night by ICR For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengaged from image path automatically in the low light environment.

#### 90° Tilting

90° Tilting The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

#### FEATURES

- High quality imaging Upto 8MP resolution.
- 1/2.8" SONY Rockchip Back-illuminated CMOS sensor.
- 0.006Lux, Infrared Distance : 30m
- Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detetion, Motion detection.
- Support WDR: 120dB
- Housing: Metal , IP67



## TECHNICAL SPECIFICATION

### CAMERA

|                         | MV-V229-VFD<br>(2MP)                            | MV-V229M-VFD<br>(2MP) | MV-V430-VFD<br>(4MP)              |
|-------------------------|---|-----------------------|-----------------------------------|
| Image Sensor            | 1/2.9" Progressive Scan CMOS Sensor             |                       | 1/3" Progressive Scan CMOS Sensor |
| Resolution              | 2MP 1080P                                       |                       | 4MP                               |
| Effective Pixels        | 1920(H)*1080(V)                                 |                       | 2560(H)*1440(V)                   |
| Compression             | H.264/H.264+/H.265/H.265+/JPEG/AVI              |                       |                                   |
| TV System               | PAL/NTSC  |                       |                                   |
| Electronic Shutter Time | Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec |                       |                                   |
| Minimum Illumination    | 0.01Lux   |                       |                                   |
| S/N Ratio               | 60dB  |                       |                                   |
| Scanning System         | Progressive                                     |                       |                                   |
| Video Output            | Network   |                       |                                   |
| Reset Button            | Optional  |                       |                                   |

### LENS

|               |       |  |     |
|---------------|-------|--|-----|
| Focus Length  | 3.6mm |  |     |
| Focus Control | Fixed |  |     |
| Lens Type     | Fixed |  |     |
| Pixels        | 2MP   |  | 4MP |

### NIGHT VISION

|                   |                            |  |  |
|-------------------|----------------------------|--|--|
| Infrared LED      | 42μ x 2PCS                 |  |  |
| Infrared Distance | 30M                        |  |  |
| IR Status         | Auto Control               |  |  |
| IR Power On       | Smart, Manual & Timed mode |  |  |

### NETWORK

|               |   |                                    |                                  |
|---------------|---|------------------------------------|----------------------------------|
| Ethernet      | RJ-45 (10/100Base-T)  |                                    |                                  |
| Wireless      | N/A   |                                    |                                  |
| Protocol      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP |                                    |                                  |
| ONVIF         | Support ONVIF 2.4(Profile S/T/G)  | Support ONVIF 19.12(Profile S/T/G) | Support ONVIF 2.4(Profile S/T/G) |
| P2P           | YES   |                                    |                                  |
| POE           | Optional, Support IEEE 802.3af  |                                    |                                  |
| Video Delay   | 0.3S (Within the Lan)   |                                    |                                  |
| Main Stream 1 | 2304*1296@30fps   | 1920*1080@30fps                    | 2688*1512@20fps                  |
| Main Stream 2 | 1920*1080@30fps   | 1280*720@30fps                     | 2560*1440@30fps                  |
| Main Stream 3 | 1280*720@30fp   | N/A                                | 1920*1080@30fps 1280*720@30fps   |
| Sub Stream 1  | 1280*720@30fps  | 720*480@30fps                      | 1280*720@30fps                   |
| Sub Stream 2  | 720*480@30fps   | 352*288@30fps                      | 720*480@30fps                    |
| Sub Stream 3  | N/A   |                                    |                                  |
| Tri Stream    | N/A   |                                    |                                  |
| IE Brower     | IE8-11, Google Chrome, Firefox, Mac Safari  |                                    |                                  |
| Smart Phone   | iPhone, Android   |                                    |                                  |

## TECHNICAL SPECIFICATION

### AI FUNCTION

|                      |                    |  |                    |
|----------------------|--------------------|--|--------------------|
| Intelligent Analysis | Intrusion Detetion | Intrusion Detetion,motion detection based on human detection | Intrusion Detetion |
|----------------------|--------------------|--|--------------------|

### INTERFACE

|              |                         |                                      |     |
|--------------|-------------------------|--------------------------------------|-----|
| Audio        | Optional 1 Built-in MIC |                                      |     |
| Alarm        | N/A                     |                                      |     |
| SD Card Slot | N/A                     | Optional Internal, Support Max 512GB | N/A |
| RS485        | N/A                     |                                      |     |

### CAMERA FEATURES

|                  |   |  |  |
|------------------|---|--|--|
| Day/Night        | Color/ B&W (IR-CUT )  |  |  |
| Image Config     | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion                                    | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control) | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion |
| Full Color       | N/A   |  |  |
| Corridor Pattern | N/A   |  | Support  |
| Defog Mode       | Support   |  |  |
| ROI              | Support   | N/A  | Support  |
| BLC              | Support   |  |  |
| WDR              | DWDR: 50dB  |  |  |
| Motion Detection | Support   |  |  |
| Privacy Masking  | 3 Rectangular Zone  |  |  |
| Recording Mode   | NVR/CMS/Web   |  |  |
| Language         | English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese & Chinese |  |  |

### GENERAL

|                       |                         |
|-----------------------|-------------------------|
| Housing               | Metal , IP67            |
| Anti-cut Bracket      | NO                      |
| IR Cut Filter         | YES                     |
| Operation Temperature | -20°C ~ +60°C RH95% Max |
| Storage Temperature   | -20°C ~ +60°C RH95% Max |
| Power Source          | DC12V±10%, 700mA        |
| Dimensions            | Ø96 x 91(H) mm          |
| Weight                | 600g                    |

## TECHNICAL SPECIFICATION

### CAMERA

|                         | MV-V528-VFD<br>(5MP)                                 | MV-V827-VFD<br>(8MP)                            |
|-------------------------|--|---|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS sensor     | 1/2.7" SmartSens CMOS sensor                    |
| Resolution              | 5MP  | 8MP   |
| Effective Pixels        | 2616 (H)*1964 (V)                                    | 3872(H)*2180(V)                                 |
| Compression             | H.264/H.265/JPEG/AVI                                 | H.264/H.264+/H.265/H.265+/JPEG/AVI              |
| Audio Compression       | G711A/U  |   |
| TV System               | PAL/NTSC   |   |
| Electronic Shutter Time | Auto: 1/3-1/100000Sec                                | Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec |
| Minimum Illumination    | Color: 0.006 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR | 0.01Lux   |
| S/N Ratio               | ≥52dB  |   |
| Scanning System         | Progressive  |   |
| Video Output            | Network  |   |
| Reset Button            | Optional   |   |

### LENS

|               |       |     |
|---------------|-------|-----|
| Focus Length  | 3.6mm |     |
| Focus Control | Fixed |     |
| Lens Type     | Fixed |     |
| Pixels        | 4MP   | 8MP |

### NIGHT VISION

|                   |                            |                     |
|-------------------|----------------------------|---------------------|
| Infrared LED      | 42μ x 2PCS                 |                     |
| Infrared Distance | 30M                        |                     |
| IR Status         | Auto Control               |                     |
| IR Power On       | Smart, Manual & Timed mode | Manual & Timed mode |

### NETWORK

|               |   |                                    |
|---------------|---|------------------------------------|
| Ethernet      | RJ-45 (10/100Base-T)  |                                    |
| Wireless      | N/A   |                                    |
| Protocol      | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, SMTP, UDP |                                    |
| ONVIF         | Support ONVIF 19.12(Profile S/T/G)  | Support ONVIF 2.4(Profile S/T/G)   |
| P2P           | YES   | YES, Support QR Code               |
| POE           | Internal, Support IEEE 802.3af  |                                    |
| Video Delay   | 0.3S (Within the Lan)   |                                    |
| Main Stream 1 | 2592*1944@30fp  | 3840*2160@20fps                    |
| Main Stream 2 | 2560*1440@30fp  | 2592*1536@20fps, 2560*1440@20fps   |
| Main Stream 3 | 1920*1080@30fps, 1280*720@30fps   | 1920*1080@20fps, 1280*720@20fps    |
| Sub Stream 1  | 1280*720@30fps  | 1280*720@20fps                     |
| Sub Stream 2  | 720*480@30fps   | 720*480@20fps                      |
| Sub Stream 3  | N/A   |                                    |
| Tri Stream    | 1280*720@20fps, 720*480@20fps   |                                    |
| IE Brower     | IE8-11, Google Chrome, Firefox, Mac Safari  |                                    |
| Smart Phone   | iPhone, Android   | iPhone, iPad, Android, Android Pad |

## TECHNICAL SPECIFICATION

### AI FUNCTION

|                      |   |     |
|----------------------|---|-----|
| Intelligent Analysis | Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detecion(based on human detection), Motion detection based on human detection | N/A |
|----------------------|---|-----|

### INTERFACE

|              |                                      |
|--------------|--------------------------------------|
| Audio        | Optional 1 Built-in MIC              |
| Alarm        | N/A                                  |
| SD Card Slot | Optional Internal, Support Max 512GB |
| RS485        | N/A                                  |

### CAMERA FEATURES

|                  |   |  |
|------------------|---|--|
| Day/Night        | Color/ B&W (IR-CUT )  |  |
| Image Config     | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control),HLC  | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control), Video Tampering, HLC, Distortion |
| Full Color       | N/A   |  |
| Corridor Pattern | Support   |  |
| Defog Mode       | N/A   | Support  |
| ROI              | Support   |  |
| BLC              | Support   |  |
| WDR              | 120dB   | HDR: 120dB   |
| Motion Detection | Support (support enable the detection based on human movement only)   |  |
| Privacy Masking  | 3 Rectangular Zone  |  |
| Recording Mode   | NVR/CMS/Web   |  |
| Language         | English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian, Nederlands, Czech, Vietnamese & Chinese |  |

### GENERAL

|                       |                         |                  |
|-----------------------|-------------------------|------------------|
| Housing               | Metal , IP67            |                  |
| Anti-cut Bracket      | NO                      |                  |
| IR Cut Filter         | YES                     |                  |
| Operation Temperature | -20°C ~ +60°C RH95% Max |                  |
| Storage Temperature   | -20°C ~ +60°C RH95% Max |                  |
| Power Source          | DC12V±10%, 700mA        | DC12V±10%, 750mA |
| Dimensions            | Ø96 x 91(H) mm          |                  |
| Weight                | 600g                    |                  |