

# IR VARI-FOCAL VANDAL-PROOF DOME CAMERA

DAI-251IP5VF



1/1.8" CMOS Sensor  
 5 Mega-Pixel  
 True Day & Night (IR Cut Removable)  
 0 Lux (IR On) Min. Illumination  
 Super Low Light Sensitivity  
 ONVIF

Digital WDR  
 3D Noise Reduction  
 Motion Detection and Privacy Masking  
 3.3-10.5mm Vari-Focal Lens  
 25m IR Illumination  
 PoE Support

Local Storage  
 I/O – 1 Alarm in / 1 Alarm Out  
 2 Way Audio  
 Technician Port  
 IP 66 Protection  
 Vandal-Proof

## Specifications

|                   |                                                  |                                                                                                                                     |                                                                                                           |
|-------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Camera            | Video                                            | Model                                                                                                                               | DAI-251IP5VF                                                                                              |
|                   |                                                  | Image Sensor                                                                                                                        | 1/1.8" Sony CMOS                                                                                          |
|                   |                                                  | Effective Pixels                                                                                                                    | 2592x1944                                                                                                 |
|                   |                                                  | Electronic Shutter                                                                                                                  | 1/25s ~ 1/100000s                                                                                         |
|                   |                                                  | Day & Night                                                                                                                         | ICR                                                                                                       |
|                   | Audio                                            | Audio compression                                                                                                                   | G.711A/G.711U                                                                                             |
|                   |                                                  | Communication                                                                                                                       | Two Way Audio                                                                                             |
|                   | Image Enhancement                                | Image Settings                                                                                                                      | AWB, AGC Adjustable<br>Exposure Mode (Auto)<br>Sharpness, Saturation,<br>Brightness & Contrast Adjustable |
|                   |                                                  | WDR Range                                                                                                                           | Digital WDR                                                                                               |
|                   |                                                  | Noise Reduction                                                                                                                     | 3D-DNR                                                                                                    |
| Image Orientation |                                                  | Mirror/Flip                                                                                                                         |                                                                                                           |
| Privacy Zone      |                                                  | Yes                                                                                                                                 |                                                                                                           |
| Compression       | Video Compression                                | H.265 / H.264                                                                                                                       |                                                                                                           |
|                   | Resolution                                       | 5MP(2592x1944), 4MP(2688x1520), 3MP, 1080P, 720P, D1, CIF, 480x240                                                                  |                                                                                                           |
|                   | Multi-stream                                     | 5MP(1~30fps) / 4MP(1~30fps) / 3MP(1~30fps) / 1920x1080(1~30fps) / 1280x720(1~30fps) / D1(1~30fps) / CIF(1~30fps) / 480x240(1~30fps) |                                                                                                           |
|                   | Bit rate                                         | 64Kbps ~ 10Mbps                                                                                                                     |                                                                                                           |
|                   | Encode Mode                                      | VBR/CBR                                                                                                                             |                                                                                                           |
| Image Quality     | Five levels under VBR; Free adjustment under CBR |                                                                                                                                     |                                                                                                           |

|                  |                                |                                                                                             |
|------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| Housing          | IR Distance                    | 25m (30 IR LED)                                                                             |
|                  | Lens                           | 3.3-10.5mm                                                                                  |
|                  | Iris                           | Fixed Iris                                                                                  |
|                  | Lens Mount                     | Φ14 mount                                                                                   |
|                  | Water-proof                    | IP66                                                                                        |
|                  | Bracket                        | 3-Axis Gimbal                                                                               |
|                  | Dimensions                     | Φ150mm×114mm                                                                                |
| Connectivity     | Weight(gross)                  | 880g                                                                                        |
|                  | Network                        | RJ45 (+PoE)                                                                                 |
|                  | Power                          | DC Socket                                                                                   |
|                  | Analog Video Output            | CVBS(BNCx1)                                                                                 |
|                  | Mic Connectivity               | 1Ch Input, 1Ch Output                                                                       |
|                  | SD Card                        | Support TF (64GB Max)                                                                       |
|                  | RS485                          | Yes                                                                                         |
| Network          | Alarm                          | 1Ch Input, 1Ch Output                                                                       |
|                  | Remote Monitoring              | IE Browsing, CMS Control Software                                                           |
|                  | User Access                    | Supports simultaneous monitoring for up to 4 users with multi-stream real time transmission |
|                  | Network Protocol               | TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP                                        |
|                  | ONVIF                          | Yes                                                                                         |
| Others           | Ethernet                       | 100Mbps                                                                                     |
|                  | PoE                            | Yes                                                                                         |
|                  | Power Supply                   | DC12V~360mA / PoE/~6.2W                                                                     |
| Work Environment | -10 C ~50 C , 10%~90% Humidity |                                                                                             |

