



Z-CMSBRL400WH-PRO

FULL COLOR DOME IP CAMERA



DAY/NIGHT SURVEILLANCE
24-7 FULL COLOR VIDEO
IMAGING

The Z-CMSBRL400WH-PRO is the perfect choice where a high-resolution color dome camera is required that is fast and simple to install



FEATURES

- 4MP Full Color Fixed Dome Network camera
- 1/2.8" SONY Starvis Back-illuminated CMOS sensor
- H.264/H.264+/H.265/H.265+ Compression Method
- Support Warm light LED 4000K, up to 30m
- Support WDR: 120dB
- IP67 Outdoor Metal Case

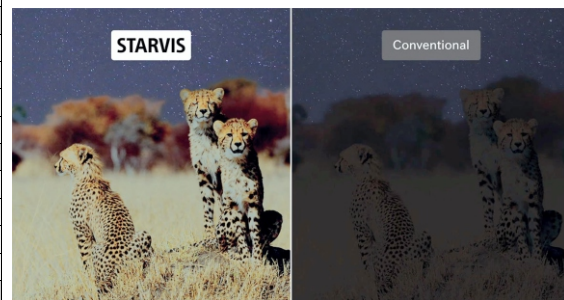
Z-CMSBRL400WH-PRO

DAY/NIGHT DOME IP CAMERA



| Model NO. | Z-CMSBRL400WH-PRO |
|-------------------------|--|
| Camera | |
| Image Sensor | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor |
| Solution | IMX335+RV1109 |
| Resolution | 4 MP (Super Starlight) |
| Effective Pixels | 2616 (H) x 1964 (V) |
| Compression | H.264/H.264+/H.265/H.265+/JPEG/AVI /MJPEG |
| Audio Compression | G711A/U,AAC |
| TV System | PAL/NTSC |
| Electronic Shutter Time | Auto: 1/3-1/100000Sec |
| Minimum Illumination | Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light |
| S/N Ratio | 60dB |
| Scanning System | Progressive |
| Video Output | Network |
| Lens | |
| Focal Length & FOV | 2.8 mm, horizontal FOV 111°, vertical FOV 60°, diagonal FOV 134° |
| Focus Control | Fixed |
| Lens Type | Fixed focal lens 2.8 mm (3.6 and 6mm optional) |
| Pixels | 4M Pixels |
| Night Vision | |
| Infrared LED | No, Support Warm light LED 4000K, up to 30m |
| Infrared Distance | N/A |
| IR Status | Auto Control |
| IR Power On | Smart, Manual & Timed mode |
| Network | |
| Ethernet | RJ-45 (10/100Base-T) |
| Protocol | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP Etc. |
| Onvif | Support Onvif 19.12(Profile S/T/G) |
| P2P | YES, Support QR Code |
| POE | Support IEEE 802.3af |
| Main Stream 1 | 2592*1944@30fp |
| Sub Stream 1 | 1280*720@30fps |
| IE Brower | IE8-11, Google Chrome, Firefox, Safari, Mac Safari |
| Smart Phone | iPhone, iPad, Android, Android Pad |
| AI Function | |
| Intelligent Analysis | Face Detection, Intrusion Detection (with Vehicle Detection), Line Cross Detection (with Vehicle Detection), Loiter Detection, People Gather Detection (based on human detection), Motion detection based on human detection |
| Camera Features | |
| Day/Night | Full Color |
| Image Config. | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK (Flicker Control), Video Tampering, HLC, Distortion |
| Corridor Pattern | Support |
| Defog Mode | Support |
| BLC | Support |
| WDR | WDR: 120dB |
| Motion Detection | Support |
| Privacy Masking | 3 Rectangular Zone |
| Recording Mode | NVR/CMS/Web |
| Language | English, Chinese Simplified, Chinese Traditional, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian, Nederland's |
| General | |
| Housing | Metal, IP67 |
| IR Cut Filter | YES |
| Operation Temperature | -20°C ~ +60°C RH95% Max |
| Storage Temperature | -20°C ~ +60°C RH95% Max |
| Power Source | DC12V±10%, 1000mA / Built-in POE |
| Dimension | ∅ 96 x 91 (H) mm |
| Weight | 600g |

The **STARVIS** is back-illuminated pixel technology used in CMOS image sensors for surveillance camera applications. It features a sensitivity of 2000 mV or more per 1 μm² (color product, when imaging with a 706 cd/m² light source, F5.6 in 1 s accumulation equivalent), and realizes high picture quality in the visible-light and near infrared light regions.



COMPARISON OF SENSITIVITY

