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## 5MP Day & Night Fixed IR Vandal Resistant IP Dome Camera



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### Features

- 5 megapixel CMOS image sensor
- 5MP H.265/HEVC and H.264/AVC high-performance video compression
- Simultaneous streaming of H.265 and H.264 encoded streams
- 3D noise reduction (MCTF)
- 2D WDR function
- DWDR function up to 70dB
- High efficiency IR LED, radiant distance up to 30m
- Day & Night (IR cut removable)
- Digital I/O : 1 in, 1 out
- Impact Resistant Polycarbonate Dome Cover
- 3-Axis construction
- ONVIF Profile S supported
- IP67 rain and dust resistant
- Vandal resistant approve

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### Specifications

| Model                                     | P5R6352E2   |
|---|---|
| Min. illumination/Low Light Mode (Colour) | Color : 0.04 Lux at F2.0 ; B/W : 0.006 Lux at F2.0 ; 0 Lux with IR LED ON |
| Starting Temperature                      | -10°C – +50°C (14°F – 122°F)  |
| Operating temperature                     | -30°C – +50°C (-22°F – 122°F)   |
| Storage temperature                       | -25°C – +60°C (-13°F – 140°F)   |
| Operating humidity                        | 0% ~ 90% RH   |
| Power Supply                              | DC12V ±10% / PoE (IEEE 802.3af compliant)                                 |
| Power Consumption                         | DC12V, 6.7W / PoE, 8.5W   |
| Focal Length                              | 2.8mm   |
| Iris                                      | F2.0  |
| Iris Control                              | Fixed IRIS  |
| Angle of View                             | 98.0° (H) 72.3° (V) 124.5° (D)  |
| Peak wavelength                           | 850nm   |
| Beam Spread                               | 60°   |
| Max IR distance                           | 30M   |
| Pick Up Element                           | 1/2.7" CMOS image sensor  |
| Effective pixels                          | 2608(H) X 1960(V) = 5,499,760 (Pixels)                                    |
| Light sensor                              | Yes   |
| CE  | Yes, EMI CLASS A  |
| FCC                                       | Yes, EMI CLASS A  |
| IP Rating                                 | IP67  |
| Vandal Resistant Rating / IK Rating       | IK10  |
| CPU                                       | Intel® Core™ i7 or higher grade   |
| OS  | Windows 7 or above  |
| RAM                                       | 8GB or more, Dedicated Graphics Card                                      |
| Web browser                               | Microsoft® Internet Explorer® 9 or above                                  |
| Dimensions                                | Ø110 × 89(H) mm   |
| Weight                                    | 520g  |
| Casing Material                           | Aluminum alloy  |

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| Alarm Input / output          | Digital 1 input (TTL, +3 – 5VDC) / 1 Output (MOS Relay contact N.O., Load.max. 40VDC,450mW/300mA,450mW), Terminal block   |
| Video Compression             | H.265/HEVC Main Profile, H.264 Main Profile , Motion JPEG   |
| Video streaming               | RTSP/UDP, RTSP/TCP, configurable streams in H.265 and H.264 and Motion JPEG, configurable frame rate and bandwidth  |
| Number of streams             | 3   |
| Video bitrate                 | 128Kbps - 8192Kbps, Frame rate and bit rate controllable on-the-fly, VBR / CBR / GOP supported, H.264/H.265   |
| Encryption                    | Base64 HTTP encryption, Digest HTTP authentication, RTSP Authentication   |
| Authentication                | Digest HTTP authentication, RTSP authentication, DDNS via HTTPS   |
| Access                        | Multiple user access levels with password protection  |
| User accounts                 | 7 simultaneous users  |
| Resolution                    | 5MP(2592 × 1920), 4MP(2304 × 1728), 3MP(2304x1280), 2MP(1920 × 1080), 1.3MP(1280 × 960), 1MP(1280 × 720), 720 × 576, 720 × 480, 720 × 384, VGA(640 × 480), CIF(352 × 256) |
| Maximum Frame Rate            | 2592x1944 / 20 fps  |
| Scanning System               | Progressive Scan  |
| Infrared Cut Filter           | Auto / Schedule / Day (Color) / Night (Mono)  |
| White Balance                 | Auto/ Manual (adjustable)   |
| Back Light Compensation (BLC) | Off / On  |
| Electrical Shutter            | 1/30(1/25)s – 1/20000s  |
| Sense Up                      | Off / x2 / x4   |
| Sense Up+                     | Yes   |
| Auto Gain Control             | 36 dB Variable Gain   |

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|----------------------------|---|
| S / N Ratio                | More than 48dB (AGC off)  |
| 3D Noise Reduction         | Off / 1 – 32 Selectable   |
| 2D WDR                     | Off / Auto (x2, x3, x4)   |
| High Dynamic Range(HDR)    | Up to 70dB (DWDR on)  |
| EV (Exposure Value)        | Adjustable  |
| Privacy Masking            | Off / On (4 zones) color mask configurable  |
| Image Effects              | Brightness, Contrast, Hue, Saturation, Sharpness,<br>Mirror, Flip, Rotation   |
| Mobile Application         | Integrated to LILIN mobile app (LILIN Viewer), iPhone,<br>iPad, Android support   |
| Video Management           | ONVIF Profile S / LILIN Navigator Enterprise 2.0<br>support, Third party VMS through LILIN HTTP API                                     |
| SD Card (recording)        | Support (128GB) Micro SD/SDHC/SDXC card for<br>circular recording (card is not included)  |
| Maintenance                | Firmware update via HTTP and IP Scan; Firmware<br>available at website  |
| Alarm event triggers       | Motion / Alarm / Network lost detection / Global<br>Counter / Virtual Input / Metadata  |
| Alarm event actions        | FTP / SMTP / SD / Alarm / Global Counter / Virtual<br>Input   |
| Languages                  | English, Traditional Chinese, Simplified Chinese,<br>Spanish, Italian, Turkish, Russian, Korean, French,<br>Arabic, Hungarian, Japanese |
| Network Interface/Ethernet | 10/100 Mbps Base-T (Tx), RJ-45  |
| OSD                        | Text overlay for date, time, and camera name<br>(position configurable text overlay for date, time,<br>camera name)                     |
| CPU.Memory                 | SoC ARM Cortex-A7 Single Core 800MHz, Embedded<br>128MB DDR3, 128MB flash memory  |
| Network OS                 | Embedded Linux 3.10   |

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| Protocols                  | IPv4, TCP, UDP, HTTP, HTTPS, SMTP, NTP, DDNS, FTP, ARP, DHCP, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SSL/TLS |
| Max number of online users | 7 simultaneous users  |
| Video Display              | LILIN Universal ActiveX   |
| Log                        | System / Config / Alarm / User / Record / Storage / Network   |

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