



SPECIFICATION

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|-----------|--------------|--|--|--|--|--|--|--|--|--|--|--|
| Model NO. | HVIPD30MZV21 | | | | | | | | | | | |
|-----------|--------------|--|--|--|--|--|--|--|--|--|--|--|

Camera

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|-------------------------|---|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Image Sensor | OV9732 | OV9750 | IMX225 | OV2710 | IMX322 | IMX291 | IMX322 | IMX124 | OV4689 | OV4689 | IMX178 | OV4689 |
| Main processor | Hi3518E | GM8135S | Hi3518C | GM8136S | Hi3516C | Hi3516D | S2L | S2L | Hi3516D | S2L | Hi3516A | S2L |
| Resolution | 720P | 960P | 960P | 1080P | 1080P | 1080P/720P | 1080P | 3MP | 4MP | 4MP | 5MP | 4MP |
| Effective Pixels | 1280(H)*720(V) | 1280(H)*960(V) | 1280(H)*960(V) | 1920(H)*1080(V) | 1920(H)*1080(V) | 1920(H)*1080(V) | 1920(H)*1080(V) | 2048(H)*1536(V) | 2688(H)*1520(V) | 2688(H)*1520(V) | 2592(H)*1944(V) | 2688(H)*1520(V) |
| V System | PAL/NTSC | | | | | | | | | | | |
| Electronic Shutter Time | Auto: PAL 1/1-1/10000Sec; NTSC 1/1-1/10000Sec | | | | | | | | | | | |
| SN Ratio | ≥52dB | | | | | | | | | | | |
| Scanning System | Progressive | | | | | | | | | | | |
| Video Output | Network | | | | | | | | | | | |

Lens

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|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------------|--------------------|
| Focus Length | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 2.8-12mm | 5MP HD 3.6mm Board Lens | 2.8-12mm Auto Zoom |
| Focus Control | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Fixed | Auto/Manual |
| Lens Type | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Manual | Fixed | Auto/Manual |
| Pixels | 2M Pixels | 2M Pixels | 2M Pixels | 3M Pixels | 3M Pixels | 3M Pixels | 3M Pixels | 5M Pixels | 5M Pixels | 5M Pixels | 5M Pixels | 5M Pixels | 3M Pixels |

Night Vision

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|-------------------|---|--|--|--|--|--|--|--|--|--|--|--|
| Infrared LED | Φ 5 (12μ) x 36PCS, 14μ x 24PCS (Optional) | | | | | | | | | | | |
| Infrared Distance | 30M | | | | | | | | | | | |
| IR Status | Under 10 Lux By CDS | | | | | | | | | | | |
| IR Power On | CDS Auto Control | | | | | | | | | | | |

Network

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|-------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Ethernet | RJ-45 (10/100Base-T) | | | | | | | | | | | |
| Protocol | IPv4, HTTP, TCP/IP, FTP, NTP, RTSP, UDP, SMTP, DNS, DDNS | | | | | | | | | | | |
| ONVIF | Support ONVIF 2.4 | | | | | | | | | | | |
| QRP | YES, Support QR Code | | | | | | | | | | | |
| POE | Optional, Support IEEE 802.3af | | | | | | | | | | | |
| VIFI | N/A | | | | | | | | | | | |
| Video Delay | 0.3S (Within the Lan) | | | | | | | | | | | |

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|-------------|--|---------------------------|---------------------------|-----------------|-----------------|------------------|-----------------------|-----------------------------------|---|-----------------------------|---|---------------------|
| Main Stream | 1280*960@30fps | 1280*960 & 1280*720@30fps | 1280*960 & 1280*720@25fps | 1920*1080@30fps | 1280*720 @25fps | 1920*1080 @30fps | 1920*1080@25fps@30fps | 2048*1536 & 1920*1080@25fps@30fps | 2592*1520@20fps;2048*1520 & 1920*1080@25fps | 2304*1296 & 1920*1080@25fps | 2592*1520 & 2048*1520 & 1920*1080@30fps | 1920*1080@25fps |
| Sub Stream | 720*480@30fps | 720*480@30fps | 720*480@25fps | 720*480@30fps | 720*480@25fps | 720*480@30fps | 720*576@25fps@30fps | 720*480&640*360@25fps@30fps | 720*480@20fps@30fps | 720*480&640*360@25fps@30fps | 720*480@30fps | 720*576@25fps@30fps |
| Web Browser | IE6-11, Google Chrome(IE Tab), Firefox(IE Tab) | | | | | | | | | | | |
| Smart Phone | iPhone, iPad, Android, Android Pad | | | | | | | | | | | |

Camera Features

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|------------------|--|----------------|----------------|----------------|----------------|----------------------|----------------|----------------|----------------------|----------------|----------------------|----------------|
| Day/Night | Color/ B&W (IR-CUT) | | | | | | | | | | | |
| Compression | H.264/JPEG/AVI | H.264/JPEG/AVI | H.264/JPEG/AVI | H.264/JPEG/AVI | H.264/JPEG/AVI | H.264/H.265/JPEG/AVI | H.264/JPEG/AVI | H.264/JPEG/AVI | H.264/H.265/JPEG/AVI | H.264/JPEG/AVI | H.264/H.265/JPEG/AVI | H.264/JPEG/AVI |
| Image Config | Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, BLC, FLK(Flicker Control) | | | | | | | | | | | |
| Motion Detection | Support | | | | | | | | | | | |
| Privacy Masking | 3 Rectangular Zone | | | | | | | | | | | |
| VDR | YES | | | | | | | | | | | |
| Recording Mode | NVR/NAS/CMS/Web | | | | | | | | | | | |
| Language | Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian | | | | | | | | | | | |

General

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|-----------------------|-----------------------|--|--|--|--|--|--|--|--|--|--|--|
| Housing | Metal | | | | | | | | | | | |
| Anti-cut Bracket | NO | | | | | | | | | | | |
| IR Cut Filter | YES | | | | | | | | | | | |
| Operation Temperature | -10℃ ~ +50℃ RH95% Max | | | | | | | | | | | |
| Storage Temperature | -20℃ ~ +60℃ RH95% Max | | | | | | | | | | | |
| Power Source | DC12V±10%, 700mA | | | | | | | | | | | |
| Dimension | Φ 131 x 93(H) mm | | | | | | | | | | | |
| Weight | 800g | | | | | | | | | | | |