

**TECHNICAL SPECIFICATIONS****SPECIFICATION**

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|-----------------------------|---|
| Image Sensor | 1/2.8inch high-quality CMOS sensor |
| Effective Pixels | 2,070,000 16: 9 |
| Video Signal | 11080P60/50/30/25/59.94/29.971080I60/50/59.9472 OP60/50/30/25 /59.94/29.97 1920X1080P60/50/30/25;1280X720P60/50/30/25; 960X540P30;640X360P30;640X480P30; 352X288P30;960X540P30; |
| Lens Optics Zoom | 20X Optical Zoom f= 4.7-94mm |
| Visual Angle | 2.9° (Narrow angle) ~55.4° (Wide angle) |
| Aperture Coefficient | F1.6 - F3.5 |
| Digital Zoom | 10X |
| Minimum Illumination | 0.5Lux (F1.8, AGC ON) |
| DNR | 2D & 3D Digit Noise Reduction |
| White Balance | Manual/auto/one-key white balance /3000K/ 4000K/5000K/6500K |
| Focus | Auto/ Manual |
| Aperture | Auto / Manual |
| Electronic Shutter | Auto / Manual |
| BLC | ON/OFF |
| WDR | OFF/ Dynamic Grade Adjustment |
| Video Regulation | Brightness, hue, saturation, contrast ratio, sharpness, Gamma |
| SNR | >55dB |



PANORAMIC LENS

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|---------------------|------------------------------------|
| Image Sensor | 1/2.8inch high-quality CMOS sensor |
| Effective Pixels | 2,100,000 |
| Lens | Manual focus |
| Output Port | SDI, LAN |
| Field Angle (D/H/V) | 112°/82°/57.6° |

INPUT/OUTPUT PORT AND SUPPORT PROTOCOL

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| Ports | SDI, LAN, 2-channel 3.5mm linear audio input, RS232 (input) |
| Network port | 100M internet access (10/100BASE-TX), support network VISCA control protocol |
| Network protocol | RTSP, RTMP, ONVIF, GB/T28181 |
| Compression Image Code Stream | Dual-stream output |
| Video Compression Format | H.265, H.264 |
| Control Signal Port | RS-232/485 |
| Control Protocol | VISCA/Pleco-D/Pelco-P; Baud rate: 115,200/9,600/4,800/2,400bps |
| Audio Input Port | Dual track 3.5mm linear input |
| Audio Compression Format | AAC, MP3, PCM |
| Power Port | HEC3800 power socket (DC12V) |

PAN/TILT PARAMETERS

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|--------------------------|------------------------------------|
| Horizontal Rotation | -170°~+170° |
| Vertical Rotation | -30°~+90° |
| Horizontal Control Speed | 0.1 ~100°/s |
| Vertical Control Speed | 0.1~45°/s |
| Preset Speed | Horizontal: 100°/s, vertical:45°/s |
| Preset Quantity | User can set 255 presets at most |

OTHER PARAMETERS

| | |
|-----------------------|---------------------------------------|
| Power Adapter | Input AC110V-AC220V output DC12V/2.5A |
| Input Voltage | DC12V±10% |
| Input Current | 1.5A (maximum) |
| Power Consumption | 18W (maximum) |
| Storage Temperature | -10°C~+60°C |
| Storage Humidity | 20%-95% |
| Operating Temperature | -10°C~+50°C |
| Operating Humidity | 20%-80% |
| Dimension (WxHxD) | 254mm X 144mm X 174mm |





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| Weight (approx.) | 1.50kg |
| Operating Environment | Indoor |
| Remote Maintenance (network port) | Remote upgrade, restart and reset |
| Standard Accessories | 12V/2.5A power, RS232 control line, remote control, operation manual, warranty card |
| Optional Accessories | Installation support |

