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| Model | AVS-4KB8012-IR |
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Camera

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| Image Sensor | 1/2" CMOS |
| Effective Pixels | 3840(H)×2160(V), 8MP |
| Scanning System | Progressive |
| Electronic Shutter Speed | PAL: 1/4s~1/100,000s NTSC: 1/3s~1/100,000s |
| Minimum Illumination | 0.005Lux/F1.6, 30IRE, 0Lux IR on |
| S/N Ratio | More than 65dB |
| IR Distance | Up to 40m (130feet) |
| IR On/Off Control | Auto / Manual |
| IR LEDs | 2 |

Lens

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| Lens Type | Fixed lens / Fixed iris |
| Mount Type | Board-in |
| Focal Length | 2.8mm |
| Max Aperture | F1.6 |
| Angle of View | H: 110.8° |
| Focus Control | N/A |
| Close Focus Distance | 1800mm, 70.87' |

Video

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|------------|-----------------------------------|
| Resolution | 8MP (3840×2160) |
| Frame Rate | 15fps@4K, 20fps@6MP, 25/30fps@4MP |

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| Video Output | 1-channel BNC high definition video output / CVBS video output (DIP switch) |
| Day/Night | Auto (ICR) / Manual |
| OSD Menu | Multi-language |
| BLC Mode | BLC / HLC / WDR |
| WDR | 120dB |
| Gain Control | AGC |
| Noise Reduction | 2D/3D |
| White Balance | Auto / Manual |
| Smart IR | Auto / Manual |

Interface

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| Audio Interface | 1ch in & Built-in Mic |
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Electrical

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| Power Supply | 12V DC \pm 30% |
| Power Consumption | Max 6.8W (12V DC, IR on) |

Environmental

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| Operating Conditions | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH * Start up should be done at above -30°C (-22°F) |
| Storage Conditions | -30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH |
| Ingress Protection & Vandal Resistance | IP67 |

Construction

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| Casing | Aluminium |
| Dimensions | 179.9mm×70mm×70mm (7.08"×2.76"×2.76") |

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| Net Weight | 0.42kg (0.93lb) |
| Gross Weight | 0.53kg (1.17lb) |
| Pan/Tilt/Rotation | Pan: 0° ~ 360° Tilt: 0° ~ 90° Rotation: 0° ~ 360° |