

# AVS-Z230IR

2 MP In/Outdoor, Full-Size 20x Zoom AVS IR PTZ Camera

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## Features

- 2 Megapixel
- Max. 25/30fps@1080P (1920x1080) & 50/60fps@720P
- 30x optical zoom
- IR Distance up to 300'/100m
- Max 240°/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- IP66, OSD

# AVS-Z230IR

## Specifications

|                            |  |
|----------------------------|--|
| <b>Model</b>               | AVS-Z230IR   |
| <b>Camera</b>              |  |
| Image Sensor               | 1/2.8" Exmor CMOS  |
| Effective Pixels           | 1920(H)×1080(V), 2Megapixels   |
| Scanning System            | Progressive  |
| Electronic Shutter Speed   | 1/1 ~ 1/30,000s  |
| Min. Illumination          | Color: 0.05Lux@F1.4; B/W: 0.005Lux@F1.4; 0Lux (IR on)  |
| S/N Ratio                  | More than 50dB   |
| Resolution                 | 25/30fps@1080P, 25/30/50/60fps@720P  |
| Video Output               | 1-channel BNC HDAVS high definition video output/ CVBS standard definition video output (Can switch) |
| <b>Camera Features</b>     |  |
| Day/Night                  | Auto (ICR) / Color / B/W   |
| Backlight Compensation     | BLC / HLC / DWDR (Digital WDR)   |
| White Balance              | Auto, ATW, Indoor, Outdoor, Manual   |
| Gain Control               | Auto / Manual  |
| Noise Reduction            | 2D/3D  |
| Privacy Masking            | Up to 24 areas   |
| Digital Zoom               | 16x  |
| <b>Lens</b>                |  |
| Focal Length               | 4.3mm ~ 129mm (30x Optical zoom)   |
| Max Aperture               | F1.6 ~ F5.0  |
| Focus Control              | Auto / Manual  |
| Angle of View              | H: 65.1° ~ 2.34°   |
| Close Focus Distance       | 100mm ~ 1000mm   |
| <b>PTZ</b>                 |  |
| Pan/Tilt Range             | Pan: 0° ~ 360° endless; Tilt: -15° ~ 90°; auto flip 180°   |
| Manual Control Speed       | Pan: 0.1° ~ 160°/s; Tilt: 0.1° ~ 120°/s  |
| Preset Speed               | Pan: 240°/s; Tilt: 200°/s  |
| Preset                     | 80 (ICR-SD); 255 (Pelco-P/D)   |
| PTZ Mode                   | 5 Pattern, 8 Tour, Auto Pan, Auto Scan   |
| Speed Setup                | Human-oriented focal length/speed adaptation   |
| Power-up Action            | Auto-restore to previous PTZ and lens status after power failure                                     |
| Idle Motion                | Activate Preset/Pan/Scan/Tour/Pattern if there is no command in the specified period                 |
| Protocol                   | ICR-SD, Pelco-P/D (Auto-recognition)   |
| IR Distance                | 328'/100m (2 near IR LED+ 4 far IR LED)  |
| <b>Audio</b>               |  |
| Interface                  | 1 channel In   |
| <b>Auxiliary Interface</b> |  |
| RS485                      | 1  |
| Alarm                      | 2/1 channel In/Out   |
| <b>General</b>             |  |
| Power Supply               | AC 24V/3A (±10%)   |
| Power Consumption          | 10.5W, 26W (IR on, Heater on)  |



|                     |   |
|---------------------|---|
| Working Environment | -40°F ~ 140°F/-40°C ~ 60°C / Less than 90% RH |
| Ingress Protection  | IP66  |
| Dimensions          | Φ8.06"×14.17"/Φ204.7mm×359.9mm                |
| Weight              | 16.53lbs/7.5kg                                |

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