

# AVS-Z4212T

## 2 Megapixel Indoor/Outdoor, Mini HD-AVS PTZ Dome Camera

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The AVS-Z4212T is a 2 Megapixel camera with 12x optical zoom. This camera has a traditional pendant-style body. The PTZ itself can auto recognize standard protocols over RS-485 such as ICR-SD and Pelco-P/D, without troublesome dip switches or configuration. Beyond that, it can also send control commands over coax, and audio over coax (COC - Control over Coax, AOC - Audio over Coax). It supports both H.264 video and MPEG4 audio transmission, simultaneously. Beyond this, the camera itself is also part of the latest lineup of high speed recording cameras, capable of recording 720P resolution at a full 60 FPS! By utilizing H.264 video and MPEG4 audio compression, the highest stream quality is achieved while also maintaining excellent stream compression and bandwidth. The AVS-Z4212T enclosure itself has a strong impact rating, which can guarantee proper operation even under a heavy strike.

### Features

- 5.1mm ~ 61.2mm vari-focal lens, 12x Optical zoom
- RS485 Over Coax
- 60FPS@720P, 30FPS@1080P
- MPEG 4 Audio, Bi-directional Talk
- DWDR, Day/Night (ICR), DNR (2D & 3D), Auto iris, & Auto focus
- AC24V/1.5A

# AVS-Z4212T

## Specifications

<b>Model</b>	AVS-Z4212T
<b>Camera</b>	
Image Sensor	1/2.8" Exmor CMOS
Effective Pixels	1944(H)×1092(V), 2 Megapixels
Horizontal Resolution	≥1000TVL
Scanning System	Progressive
Electronic Shutter Speed	1/3s ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 55dB
Resolution	25/30fps@1080P, 25/30/50/60fps@720P
Video Output	1-channel BNC HD-AVS high definition video output
<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	5.1mm ~ 61.2mm (12x Optical zoom)
Max Aperture	F1.2 ~ F2.1
Focus Control	Auto / Manual
<a href="#">Angle of View</a>	51.3° ~ 4.64°
Close Focus Distance	100mm ~ 1000mm
<b>PTZ</b>	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto-flip 180°
Manual Control Speed	Pan: 0.1° ~ 200°/s; Tilt: 0.1° ~ 120°/s
Preset Speed	Pan: 300°/s; Tilt: 200°/s
Preset	80 (ICR-SD); 255 (Pelco-P/D)
PTZ Mode	5 Pattern, 8 Tour, 5 Auto Scan, Auto Pan
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)
<b>Audio</b>	
Interface	1 channel In
<b>Auxiliary Interface</b>	
RS485	1
Alarm	2/1 channel In/Out
<b>General</b>	
Power Supply	AC24V/1.5A (±10%)
Power Consumption	10W, 19W (Heater on)
Working Environment	-40°F ~ 122°F/-40°C ~ 50°C; Less than 90% RH



Dimensions	Φ7.32"x9.21"/Φ186mm×234mm
Weight	5.07lbs/2.3kg

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