

AVS-Z4112T

1.3 Megapixel Outdoor, Full Sized HD-AVS PTZ Camera



Our latest addition to the HD-AVS series of cameras. HD-AVS, meet PTZ. PTZ, say hello to HD-AVS! The AVS-Z4112T is a 1 Megapixel camera with 12x optical zoom. This camera adopts the conventional pendant style of PTZ cameras. The PTZ itself can auto recognize standard protocols over RS-485 such as ICR-SD and Pelco-P/D, without troublesome dipswitches 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-Z4112T enclosure itself has a strong impact rating, which can guarantee proper operation even under a heavy strike. The AVS-Z4112T also supports analog video output and two-way, bidirectional talk. It can be used in either analog or IP environments.

Features

- IP66, OSD
- Support intelligent 3D positioning with ICR-SD protocol
- Built-in 2/1 alarm in/out
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Control over coaxial cable, long distance real-time transmission
- DWDR, Day/Night (ICR), DNR (2D & 3D), Auto iris, Auto focus, AWB, AGC, BLC
- Max 300°/s pan speed, 360° continuous pan rotation
- AC24V/1.5A
- 25/30/50/60fps@720P
- Powerful 12x optical zoom

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Specifications

Model	AVS-Z4112T
Camera	
Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H)×960(V)
Horizontal Resolution	≥700TVL
Scanning System	Progressive
Electronic Shutter Speed	1/1s ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 55dB
Resolution	25/30/50/60fps@720P
Video Output	1-channel BNC HD-AVS high definition video output
Camera Features	
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
Lens	
Focal Length	5.1mm ~ 61.2mm (12x Optical zoom)
Max Aperture	F1.2 ~ F2.1
Focus Control	Auto / Manual
Angle of View	51.3° ~ 4.64°
Close Focus Distance	100mm ~ 1000mm
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto-flip 180°
Manual Control Speed	Pan: 0.1° ~ 300°/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)
Audio	
Interface	1 channel In
Auxiliary Interface	
RS485	1
Alarm	2/1 channel In/Out
General	
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
Ingress Protection	IP66

Dimensions	Φ7.32"×9.21"/Φ186mm×234mm
Weight	5.07lbs/2.3kg