

AVS-PTZ-HD1-20X

1 MP 720P - 20x Optical Full Sized HD-AVS PTZ 300ft IR Range

- ◆ 1.0 Megapixel 720p In/Outdoor Camera
- ◆ **300 Foot IR Distance**
- ◆ **20x Optical Zoom / 16x Digital Zoom**
- ◆ Support Triple-streams encoding
- ◆ **30fps @ 720p (1280x960)**
- ◆ **5.5mm ~ 110mm Lens**
- ◆ Full Sized 14" L x 8" Round - 17 lbs
- ◆ Micro SD memory
- ◆ Built-in 2/1 alarm in/out
- ◆ Max 240°/s speed 360° pan rotation
- ◆ Support intelligent 3D positioning
- ◆ IP66 - Weatherproof
- ◆ **Bracket Included**
- ◆ **Power Supply Included AC24V/3A**
- ◆ **Built In Heater**



SPECIFICATIONS

CAMERA

Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H) x 960(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min. Illumination	
Color:	0.05Lux@F1.4;
B/W:	0.005Lux@F1.4; 0 Lux (IR on)
S/N Ratio	More than 50dB
Resolution	720P (25/30/50/60fps)
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	4.7mm~94mm with 20x Optical zoom
Max Aperture	F1.4 ~ F2.6
Focus Control	Auto / Manual
Angle of View	H: 54.1° ~ 3.2°
Close Focus Distance	100mm~ 1000mm

PTZ

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(DH-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	DH-SD, Pelco-P/D (Auto recognition)
IR Distance	100m (2 near IR LED+ 4 far IR LED)

AUDIO

Interface	1 channel In
Auxiliary Interface	RS485 1
Alarm	2/1 channel In/Out

GENERAL

Power Supply	AC 24V/3A (±10%)
Power Consumption	10.5W, 26W (IR on, Heater on)
Working Environment	-40°C ~ 60°C / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Dimensions	Φ8.05(inches) x 13.22(inches)
Weight	16.53 lbs