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: 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)
- 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: Ø8.05(inches) x 13.22(inches)
- Weight: 16.53 lbs