

# 960H 22x All-In-One, Outdoor PTZ Dome Camera

**CPTZ32D5W** 3.9 - 85.8mm lens, white housing



## Features

- Max. 352x zoom (22x optical / 16x digital)
- 700 TV lines of resolution
- WDR (wide dynamic range) function
- Day/Night (ICR) function
- 3DNR (digital noise reduction) function
- DIS (digital image stabilization) function
- Includes built-in heater and fan
- Features a sun-shielded housing
- 240 preset positions
- 4 alarm inputs / 1 alarm output (5VTTL)
- Variable speed from 0.1° /sec. – 380° /sec.
- 180° digital flip
- IP66 compliant
- 1 year warranty

## Camera Specifications

Image Sensor	1/4" Type Sony Super HAD™ CCD II
Resolution	700 TV lines
Minimum Illumination	Color: 0.1 lux, BW & Slow Shutter: 0.00001 lux
S/N Ratio	More than 50dB
Video Output	1.0Vp-p /75 ohms
Effective Pixels	976 (H) x 494 (V)
Total Pixels	1020 (H) x 508 (V)
Scanning System	2:1 interlace
Synchronization	Internal / External
Frequency	15.734kHz (H), 59.94Hz (V)
Zoom	22x (optical)
Focal Length	3.9mm (wide) - 85.8mm (tele)
Max. Aperture Ratio	F1.6 (wide) - F3.7 (tele)
Angular Field Of View	3.9mm - 49.5° (H) / 85.8mm - 2.4° (H)
Focus	Auto / Manual / One Push / Constant Manual

## Mechanical Specifications

Pan Range	360° endless
Pan Speed	Preset: 380° /sec., Manual: Max. 380° /sec. (turbo)
Tilt Range	0° – 180° (digital flip)
Tilt Speed	Preset: 380° /sec., Manual: Max. 300° /sec. (turbo)
Preset Positions	240
Auto Scan	16 Auto Scans & 1 Auto Pan
Tour	8
Pattern	8

## Operational Specifications

On Screen Display	English, French, German, Italian, Spanish, Polish, Portuguese
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## Operational Specifications (continued)

Camera Title	On / Off (6 character)
Day/Night	Auto / Color / BW / Global
Motion Detection	Yes
Wide Dynamic Range	On / Off
Backlight Compensation	BLC / HLC / Off
Digital Image Stabilization	On / Off
Privacy Masking	8
Digital Noise Reduction	3D / 2D
Digital Slow Shutter	On / Off (max. 512x)
White Balance	AWB / WAWB / Indoor / Outdoor / Manual
Electronic Shutter Speed	1/60 sec. – 1/100,000 sec.
Digital Zoom	16x
AGC	Min. / Low / Middle / High
Communication	RS-485
Protocol	Pelco-P, Pelco-D
Alarm	4 Inputs, 1 Output (5VTTL)
Operating Temperature/ Humidity	-22° F – 122° F / 0% – 90% RH (non-condensing)
Power Supply	12VDC / 24VAC for dome, 24VAC for heater and fan (power supply not included)
Power Consumption	12W for dome, 45W for heater and fan
Dimensions	8.07" (H) x 7.33" (Dia.)
Weight	4.85 lbs.

## Optional Accessories



**PEN32DW**  
Pendant Arm



**CEI32DW**  
Ceiling Mount



**APT28DW**  
Adaptor Plate for  
COR32DW or POL28DW  
when using PEN32DW



**COR32DW**  
Corner Mount  
Adaptor



**POL28DW**  
Pole Mount



**PSW5**  
12VDC  
Power Supply



**PSW4**  
24VAC  
Power Supply