

## PTZ-W470A Outdoor Pan Tilt & Zoom Camera *with Sony Super HAD 36 X Zoom Lens*

The PTZ-W470A surveillance camera comes with a 1/4" Sony Super HAD II Density WD CCD image sensor; supports **570 TVL in Day (color) & 600 TVL resolutions** in Night mode (B&W).

The W470A Pan Tilt & Zoom includes a powerful **36X Optical Auto-Focus Zoom**, and offers **superior low light** video surveillance performance down to **0.05 LUX at F1.6**. Furthermore this PTZ camera is protected with an IP68 rated weatherproof plastic dome, and uses **24VAC 60VA** voltage power.



The mounting features make the W470A PTZ uniquely suitable for different installation types and locations, such as flush mounted on-ceiling or positioned in-ceiling with only the dome showing (indoors), or wall-mounted, using the wall flush bracket (outdoors).

### PTZ-W470A: Pan, Tilt & Zoom Camera Features

DC Auto Iris Lens with a **powerful 36 X Optical Zoom Lens**

**Resolutions:** 570 TVL Color & 600 TVL night vision mode

**360° Continuous Pan Rotation** and -8° to +90° Tilt Rotation

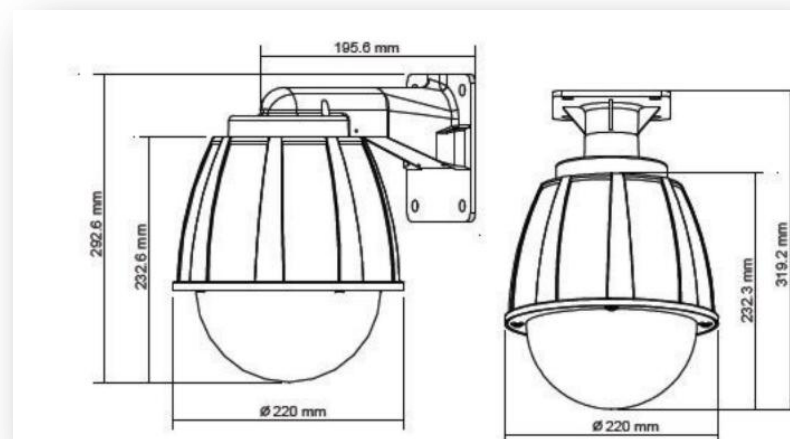
**Weatherproof** with IP66 rating, ensures that it will hold up in outdoor conditions

Superior low light performance down to **0.12 LUX @ F1.6 (day) & 0.05 LUX @ F1.6 (night)**

**Wide Dynamic Range Function**, making camera able to reveal dark and bright video images

Built-in **heater and fan**, allowing camera to operate in within normal operating temperature

**Website Link:** For more information, click here: [CCTV PTZ-W470A Speed DOME Camera](#)



PTZ-W470A Camera Dimensions: See page 2 for dimensions in mm & Inches



# CCTV Camera Pros

Video Surveillance Systems for Home, Business & Government

## PTZ-W470A Features

Image Sens.	1/4" Color <b>Sony Super HAD II</b> Density WD CCD
Effective Pixels	976 (H) x 494 (V) (NTSC)
<b>Resolution in TV Lines</b>	<b>570 TVL color</b> (day) and <b>600 TVL B&amp;W</b> (night)
<b>Lens Optical Zoom</b>	<b>36 X Optical ZOOM</b> (ICR) Auto Focus
Focal Distance	<b>Focal Distance:</b> f = 3.4 ~ 122.4mm (±5%)
<b>IRIS</b>	IRIS: F1.6 ~ 4.5 (±5%)
Pan Speed	Up to 300°/Sec + Tilt Speed up to 200°/Sec. / Horizontal Rotation of 180°
Digital Zoom	<b>Digital Zoom is Basic 16 X</b> (Total Zoom Ratio 560X), 2x ~ 16x variable
<b>Camera Presets</b>	Includes up to <b>128 Presets</b> , for <b>customized video coverage</b>
Presets Modes	Preset automatic swing cruise, group mode, auto cruise mode & circling mode
<b>Cruise track</b> (Pattern)	Achieved by setting up preset cruise points ( <i>total setup of 4 groups</i> ).
<b>Mask</b> (PTZ Mask)	4 Area instant privacy screen mask
Coordinates display (Pan & Tilt)	Displays the vertical & horizontal coordinates for current camera position
Max Pan & Tilt Angles	<b>Pan &amp; Tilt Angle:</b> Pan: 360° + Tilt: 0° ~ 90°
<b>Minimum Illumination</b>	<b>0.12 Lux @ F1.6</b> (Day Mode), <b>0.05 Lux @ F1.6</b> (Night Mode)
Digital Noise Reduction (DNR)	<b>DNR</b> function is to inhibit AGC ( <i>auto gain control</i> ) noises under low lux
On Screen Display (OSD)	The <b>On Screen Display</b> (OSD) menu ( <i>accessed thru RS-485</i> )
Backlight Compensation (BLC) Levels	<b>BLC</b> levels: 7 screen areas are adjustable from 0 ~ 225
AGC (Auto Gain Control)	<b>AGC</b> selection: Auto / Manual Selectable, to <i>inhibit AGC noises under low LUX</i>
Day & Night (ICR)	Day & Night Infrared Cut Filter ( <b>ICR</b> ) settings: AE / Sensor / Day / Night
Digital slow <b>shutter</b> (DSS)	DSS selection: Off, 2~20, 40, 80, 160, FLD
Digital Signal <b>Processor</b> (DSP)	DSP selection: Auto White Balance, Backlight Compensation & Auto Iris Control
Iris Control	Iris selection: Auto Iris and Manual Iris Control
<b>Wide Dynamic Range</b> (WDR)	WDR selection Levels: 0 ~ 255 ( <i>Auto Detect</i> )
Preset White Balance (AWB)	AWB selection: Auto / Hue / Indoor / Outdoor / manual
Camera Title	Camera Titles can be composed with a maximum of <b>16 Characters</b> per camera
Alarm Relay	Built in <b>5 Alarm Inputs</b> and <b>2 Relay Outputs</b> ( <i>Relay type and open collector type</i> )
Selectable alarm out signal	NO (Normal Open) or NC (Normal Close) and ALR OUT ( <i>Open Collector Type</i> )
Motion detection function	The screen detects moving objects and sends Alarm signals
White Balance	<b>White balance</b> selection: ATW / AWC / AWB / MANUAL
Supported Protocols	YOKO / PELCO (D&P) / LG Protocols
PTZ Control function (RS-485)	PTZ functions are controlled using " <b>RS-485</b> " cabling between DVR & Camera
Max cameras control (RS-485)	One can connects up to 255 Speed Dome Cameras ( <i>daisy chained</i> )
PTZ Power Supply	<b>W470A Power requirements: 24VAC 60VA</b>
Built-in <b>Heater and Blower</b>	Built-in heater & fan to maintain camera in normal operating temperature
Heater Temperature Switch	Heater Temp ON: <15°C±4°C + Heater temp OFF: >25°C±3°C
Operating Temperature	Operating camera Temperature levels: -10°C ~ +50°C or 14°F to 122°F
Relative Humidity	Camera Relative Humidity levels: 0% ~ 90%
<b>Wall Mount Dimensions</b>	Wall Mount <b>Height:</b> 280mm / 11 Inches, <b>Diameter:</b> 220mm / 8.66 Inches
<b>Pendant Mount Dimensions</b>	Pendant Mount <b>Height:</b> 315mm / 12.4 Inches, <b>Diameter:</b> 220mm / 8.66 Inches
<b>Wall Mount Weight</b>	Wall Mount Weight: 3.4Kg / 7.4 LBS
<b>Pendant Mount Weight</b>	Pendant Mount Weight: 3.2Kg / 7.05 LBS
CCTV Camera Pros <b>Website Link</b>	For more information <a href="http://www.cctvcamerapros.com">CCTV PTZ-W470A Speed DOME Camera</a>