

# WH-V220-O Pan/Tilt/Zoom CCTV camera

## 22x Optical zoom, Outdoor application

The WH-V220-O Pan/ Tilt/ Zoom CCTV camera is IP66 standard for outdoor waterproof protection, built-in fan and heater for wide range operating of temperature from -40° to 50°. The WH-V220-O PTZ camera with 360 degree surveillance ability, provide wide range video surveillance, with powerful 22x optical zoom, easy to capture clear image and object, to meet your harsh environment security surveillance.



### Quality Assurance

- Green design
- Corrosion proof
- Improved blower and heater
- 100% passed durability test
- Innovated and practical design
- Temperature test, voltage protective test

### Highlights

- ▶ Sharp 480 TV Lines
- ▶ Powerful Video-Processing chip
- ▶ 64 Preset Point
- ▶ 22x Optical zoom and 16x Digital zoom
- ▶ Powerful **Pan/Tilt/Zoom** function
- ▶ Vandal-Proof Dome Cove (Max load 380kg)
- ▶ Advanced 1/4" Super HAD CCD Sensor
- ▶ Dual **MPEG4 & MJPEG** stream compression
- ▶ Protection Classification **IP 66** to DIN EN 60529



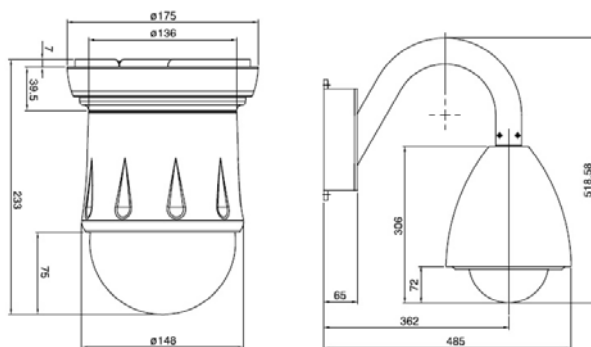
### **Powerful 22x Optical Zoom**

- Auto Iris and Auto Focus
- Superb optical design
- High contrast images

<b>Image System</b>	
<b>Image Sensor</b>	1/4" Super HAD CCD
<b>Picture Pixels</b>	NTSC: 410,000. pixels PAL: 470,000. pixels
<b>Picture Elements</b>	NTSC: 811 x 508 PAL: 795 x 596
<b>Video</b>	
<b>Sync-sync</b>	Internal / External
<b>Lens</b>	f=3.9mm to 85.8mm F=1.6 to 3.8
<b>Angle of Viewing (H)</b>	Wide 52.2° Tele 2.5°
<b>Optical Zoom</b>	22x Optical Zoom
<b>Digital Zoom</b>	16x (352x Digital Zoom)
<b>Focus system</b>	Auto / Manual
<b>Iris system</b>	Auto / Manual
<b>H-Resolution</b>	480TV Lines at NTSC/ PAL
<b>Min illumination</b>	1.0Lux at F1.6 in Color (Day mode)
<b>S/N ratio</b>	More than 48 dB
<b>Shutter</b>	Auto , 1/50 (1/60)~1/10,000.sec
<b>Wide Dynamic Range</b>	No
<b>Digital Slow Shutter</b>	No
<b>Day &amp; Night</b>	No
<b>I/O Interface</b>	
<b>Analog Video Output</b>	BNC connector x 1

Pan / Tilt	
Pan movement	0° ~ 360° continuous endless
Tilt movement	0° ~ 90°
Pan manual speed	0.5°/Sec to 80°/Sec vari-speed
Tilt manual speed	0.5°/Sec to 40°/Sec vari-speed
Preset	64 preset point
Preset Speed	180° per second
Power	
Power	20Vac ~40Vac, 24Vac (Power consumption 45W)
Operating environment	
Operating Temperature	-40 °C ~ 50 °C (-40 ~ 122°F)
Storage Temperature	-40 °C ~ 85 °C (-40 ~ 185°F)
Humidity	5% ~ 95%
Dimension (Ø x H)	Outdoor: 246 mm x 306 mm Indoor: 175mm x 233mm
Outdoor Protected	IP 66 to DIN EN 60529
EMI	
CE, UL	

### Dimensions:



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