UV996 Series Intelligent Explosion-proof PTZ Camera

Unique structure features

● UV996 series intelligent Explosion- proof PTZ Camera integrated with the high resolution camera and high performance Pan/Tilt;

● UV996 series use the unique drive processing and display technique to ensure clear and stable video;

● Meets the requirement of ExdIICT6 for safe use in explosive atmospheres, meeting IP67 standards.

Other features

- The machine body is made from aluminum alloy (thickness: 5mm-15mm), which is firm and compact.
- The flat designed optical window is made of tempered glass (thickness: 5mm) which can prevent the distorted images and protect the built-in integrated camera.
- Installation modes: UP,DOWN
- Stepper motor with gearbox, stable operation, accurate position and quick responds
- Integrated multi decoder controller： PELCO P/D protocols
- Privacy Zone Masking Function, up to 24 privacy zones.
- With OSD menu to set the camera and pan tilt, edit title of the user name, camera position and preset position,can set, run, clear presets, preset tours, privacy zone and OSD passport protect function
- Check the inside temperature real time; the fans automatically open once the inside temperature exceea the setting limit value.
- Can make software address and hard address setting
- Camera orientation display function（N,NE,E,SE,S,SW,W,NW total 8 orientations）, data feedbacks the PTZ orientation.
- Powering on self-restoring function: users can assign the camera movement after powering on.
- Change speed proportionally function: Pan/tilt speed and the depth of zoom lens decline proportionally and continuously
- With pan auto scan function, the pitching angle can be set; with apply peel scan function
- 255 preset positions with precision error less than $\pm 0.1^0$
- 2 pattern function,4 presets tour function.
- 5 channels timer auto-activate function, to run the preset movements
- With surge and lightning protector
- WDR, Video Stabilizer function, Backlight compensation function
- Virtual home position can be set
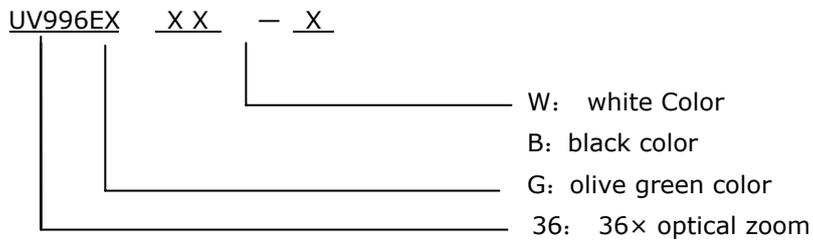- 2 alarms input, 1 AUX output

Technical Parameter

Pan/Tilt Index	
Pan running	360° continuous pan rotation
Tilt running	-35° to +90° tilt rotation
Manual Control Speed	0.1°-90°/sec for pan; 0.1°-40°/sec for tilt
Preset Speed	90°/sec for pan; 40°/sec for tilt
Variable pan auto scan speed	1°-40°/sec available
Variable Apple peel scan speed	1°-40°/sec for pan; 1°-20°/sec for tilt
Electrical Index	
Input voltage	18VAV--24VAC/18VDC—24VDC
Input power	50W
Working temperature	-40ºC ～ +55ºC
Camera Index	
Sensor:	1/4'' Ex view HAD CCD
S/N Ratio:	>50 dB
Effective Pixel:	752H×582V
Shutter Speed:	1/2～1/10,000s
Minimum illumination	0.01Lux
Sync system	Inner Sync
Signal Output:	1.0Vp-p/75Ω
Iris Control	Auto/Manual first
White balance	Manual/Auto
Focus Control	Manual/Auto
Scanning system	15.625KHz(H) 50Hz(V)
Zoom	36X f＝3.4～122.4mm
Horizontal pixel	540TVL

Order Model No.

Model No.	camera module	power supply	body color
UV996EX36-W	36×SONY FCB-EX1010P camera module	AC24V/DC24V	white
UV996EX36-B	36×SONY FCB-EX1010P camera module	AC24V/DC24V	black
UV996EX36-G	36×SONY FCB-EX1010P camera module	AC24V/DC24V	green

Note: for NTSC format please add "-N"at the end of the model No.

Explaination for the Model No.

UV996EX   X X   — X

W： white Color

B：black color
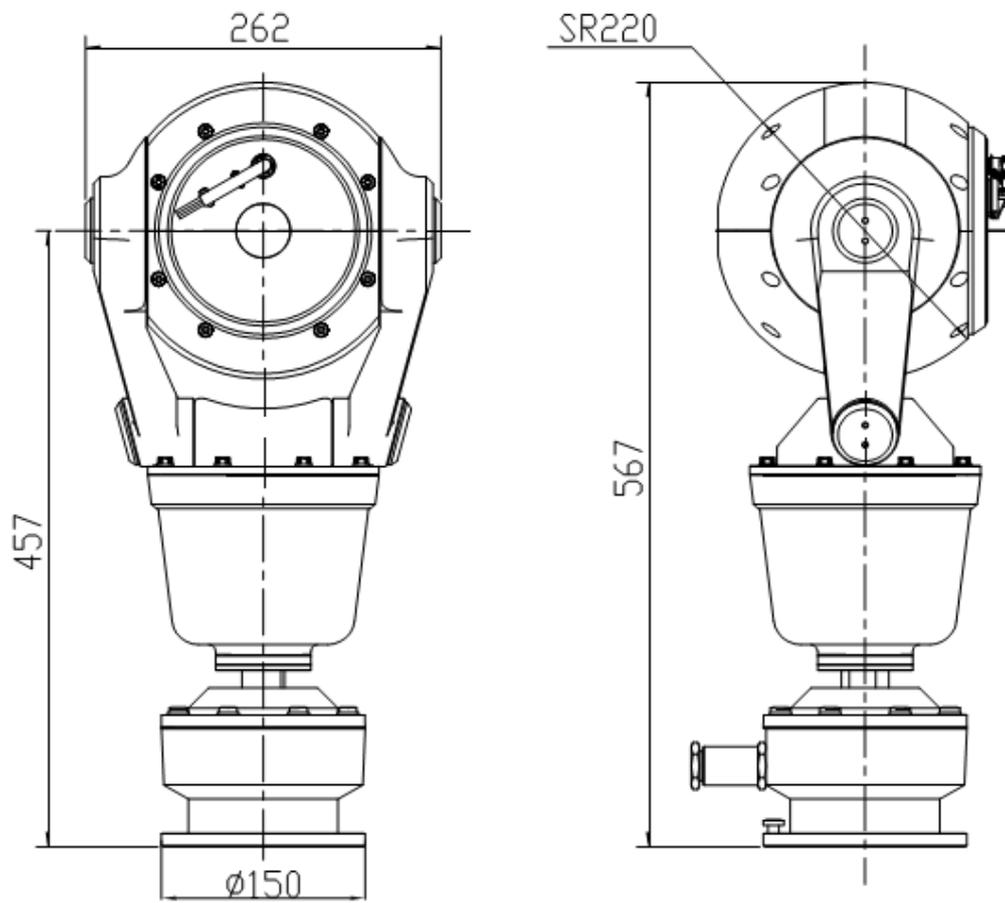
G：olive green color

36： 36× optical zoom

E. g: UV996EX36-W denotes UV996EX Explosion proof products with 36x integrated camera, and the body color is white.

Applications：

UV996EX explosion-protected series has been designed to offer an extremely reliable, robust and high quality surveillance solution for potentially volatile security application such as oil, gas, chemical processing sites and petrochemical refineries, offshore oil rigs and so on.

Dimensional Drawing (unit: MM)

Net weight: 20KG