NR-UV90A-BM Integrated Intelligent PTZ Camera

Unique Features：

- The body is made from 5mm-15mm al-alloy material, firm and airproof ;
- Flat designed optical window uses 5mm tempered glass, can prevent distorted images and protect the built-in integrated camera ;
- IP66 waterproof design standard with wiper;
- One pair of IR lamps available, IR distance more than 80 meters(outdoor environment);
- Multi installation modes: UP, DOWN , UP30 degree selectable;

Pan/Tilt Features：

- Step motor with gearbox, accurate position and quick responds;
- Integrated design, attractive appearance;
- Stable operation without dithering and noise;

OSD Menu Features：

- Built-in Chinese/English menu, easy to switch menu between 2 language;
- With OSD passport protect function;
- Support Chinese/English input, can edit title of the user name, camera position and preset position;
- Can set, run, clear presets, preset tours, privacy zone by menu;
- The user name, preset title, inside temperature and pan tilt information display

Camera Features：

- Built-in high resolution integrated zoom camera module
- Black Light Compensation function;
- Color or B&W image switching function;
- Video WDR;
- Video Stabilizer
- Privacy zone masking function, up to 24 privacy zones;
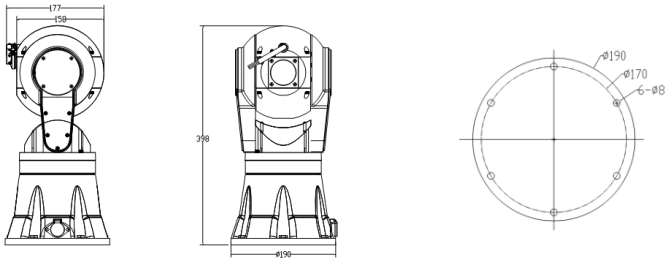
Built-in Decoder Features：

- Support Pelco P/D;
- Can make software address and hardware address setting;
- Built-in Chinese/English function menu, the function of camera and pan/tilt can be set;
- Check the Pan/Tilt inside temperature real time;
- Power off memory function, can record the movement before power off;
- Powering on self-restoring function: users can assign the camera and pan/tilt movement after powering on;
- Change speed proportionally---Pan/tilt speed and the depth of zoom lens decline proportionally;
- Camera orientation display function(N,NE,E,SE,S,SW,W,NW total 8 orientation, data feedback the PTZ orientation;
- Virtual home position can be set;
- With auto scan and apple peel scan function;
- 2 Pattern track function
- 4 Presets tour function, dwell time can be set;
- 255 preset positions with precision error less than± 0.1º
- 5 channels timer auto-activate function to run the preset movements;
- 3 modes to control the wiper function;
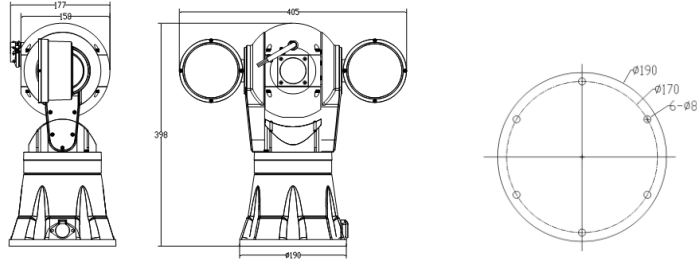- 2 alarm input, 1 AUX output

Order No.

NR-UV90A-BM26-WS   26× SONY FCB-EX980Pcamera module, cable output from side,   White

NR-UV90A-BM26-WB   26× SONY FCB-EX980P camera module , cable output from bottom,   White

NR-UV90A-BM36-WS   36× SONY FCB-EX1010Pcamera module , cable output from side , White

NR-UV90A-BM36-BB   36× SONY FCB-EX1010Pcamera module , cable output from bottom , Black

NR-UV90A-BM26-WS-IR 26×SONY FCB-EX980Pcamer module , cable output from side , with IR , White

NR-UV90A-BM26-BB-IR 26× SONY FCB-EX980P camera module , cable output from bottom , with IR , Black .

Dimensional Drawing

UV90A-BM

UV90A-BM-IR

Application:

Vehicle System, Vessel System, Hazardous Environment, Border Defense, Seafront Defense etc. high end surveillance.

Technical Parameters

Model	UV90A-BM	UV90A-BM-IR	UV90A-BM-LS
Camera, Lens Parameter			
Image Sensor	1/4 inch high quality EXVIEW HAD CCD Sensor		
Video Signal	1.0±0.1VP-P（75Ω，Compound）		
Zoom	26X Optical Zoom，f = 3.5-91mm， F1.6-3.8		
Angle	1.6°（Farness）--42°（Nearness）		
Minimum illumination	0.05LUX		
White Balance	Auto/Cloudy/Shade/Fluorescent etc multi modes		
Focus	Auto/Manual		
Iris	Auto/Manual		
Electrical Shutter	Auto		
BLC	Open/Close		
S/N Ratio	>50dB		
Pan/Tilt Index			
Pan rotation	360º continuous pan rotation		
Tilt rotation	125º tilt rotation		
Pan control speed	0.1º-90º/sec		
Tilt control speed	0.1º-40º/sec		
Preset speed	Pan：90°/sec; Tilt：40°/sec		
Preset	255		
Input/Output Interface			
Compound Video Interface	BNC Interface，Compound Video 1Vp-p,75Ω non-balance		
Control Signal Interface	RS485 interface，White is 485＋，Blue is 485 -		
Control Signal Format	Start bit：1; Data bit：8; Stop bit：1; Baud Rate：2400、4800、9600bps		
Power Port	Red and Black line are power wiring		
Alarm Input Interface	2 alarm inputs		
Alarm Output Interface	1AUX output		
Electrical Index			
Power Adapter	AC24V/3A		

Input Voltage	24VAC, or 12VDC		
Power Consumption	30VA(UV90A-BM)、50VA（UV90A-BM - IR）		
IR parameter	None	IR LED Lamp	IR Laser Lamp
IR distance	None	100m	200m
Angle	None	18º	16°
IR Lamps	None	One pair of 7X 1W，6X Φ8	One pair of 7X 1W，6X Φ8
Power	None	DC12V	DC12V
Power Consumption	None	2 * 6W	2×10W
Size（L×W×H）	None	Two units Φ108×85mm	215×92×112mm
Weight	none	2 * 0.5kg	2×0.5kg
Structure Parameter			
Material	Aluminium Alloy		
Glass	5mm tempered optical glass window		
Weight	10KG(UV90A-BM)；12KG(UV90A-BM-IR)		
Color	Black/White selectable		
Machine body Size	Φ177mmx398mm(UV90A-BM) 、405mmx177mmx398mm(UV90A-BM-IR)		
Packing Size	530x410x290 mm(UV90A-BM) 、530X510X290 mm(UV90A-BM-IR)		
Packing Material	Carton + EPE		
Appendix	AC24V/2.7A Power supply box 1 pcs, Manual 1copy, Guarantee 1copy, Certification 1copy		
Environment			
Working Temperature	-40ºC ～ +55ºC		
Storage Temperature	-10°~ 60°		
Working Humidity	20%~ 90%		
Storage Humidity	20%~ 80%		
Working Environment	Indoor/Outdoor		
Transportation	Various traffic tools		
Protection Grade	IP66，with surge ad lightning protector		
	CE/FCC/RoHS compliance		