

# 2-AXIS STABILIZING SEARCHLIGHT With Onboard Monitoring Camera System

## PSX-3016H33-FV

- It is equipped with high sensitive CCD camera and 60 times zoom lens and double extender.  
Can photograph the target of the distant place by super optical zoom of up to 120 times
- Front part of searchlight is equipped with near-infrared light filter.  
The photography that is clear regardless of the night and day is possible. And, it change ON/OFF of the filter by remote controller. It can irradiate visible light. So it can be used as a searchlight.
- Photograph it with black and white by night to photograph a distant place. The day is a color.  
The change of the color / black and white judges neighboring brightness by a built-in sensor and is automatically replaced.
- It is equipped with function stable of 2 axes.  
Even if the hull is upset, keep a stable optic axis and optical axis.
- The panel internal organs of Image processing system correct camera blurring by the vibration of the hull automatically.
- It can record the HDD recorder from a control panel
- It can increase number of video image recording apparatus and monitoring monitor on your request.



Touch panel controller



Touch panel screen



4,500m ahead the apartment roof at clear weather



1,200m ahead tugboat at rainy weather



700m ahead dock office at night



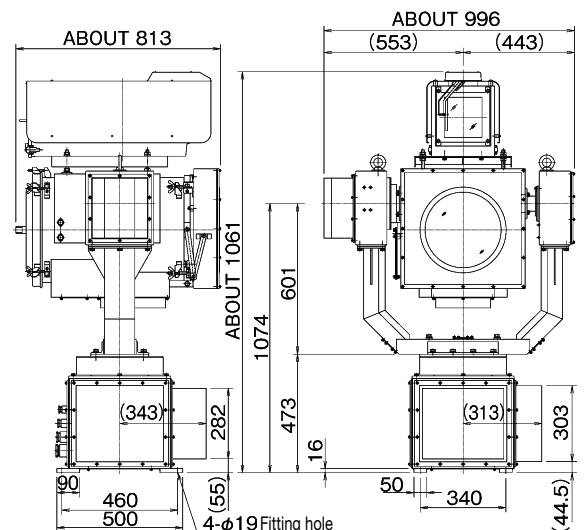
1,200m ahead signboard of the roof at night

## Searchlight part specifications and performance

Operation method	Electric wireless remote controller	
Attached function	■Elevation turning speed control (continuously variable)	
	■Two axis stability	
	■Switch device visible and near-red light line	
	■Space heater	
A source of light and lamp capacity	1600W Xenon lamp	
Max. luminous intensity	Over 25,000,000cd	
Beam spread	Approx 1.5°	
System input power supply	AC100V 1φ AC220V3φ 50/60Hz	
Elevation angle	Over down 30° Over up 30°	
Turning angle	Right & left each 165°	
Elevation speed	Approx. 0~10°/sec. high speed	
	Approx. 0~2°/sec. high speed	
Turning speed	Approx. 0~20°/sec. high speed	
	Approx. 0~2°/sec. high speed	
Motion-trailing precision	Less than ±0.2 degrees	Pitching Stabilizing angle ±15 cycle 8 sec.
		Yawing Stabilizing angle ±5 cycle 8 sec.
The wind velocity-resistant	Over 51.45m	
Protection degree	IPX6	
Weight	250kg	

## Night vision device part specifications and performance

Night vision device form	PSX-IC2
Zoom magnification	Approx. 60 times
The focal distance	12.5~750mm(x1)
	25~1500mm(x2) At the time of extender use
	12.5mm :0.2843×21.44
Inclusion angle	750mm :0.29×0.22
	1500mm :0.15×0.11
The minimum brightness of object	0.03lx
Image pick-up device	1/2Model CCD
Valid pixels	380,000 pixels
Weight	25kg



## Other constitution apparatuses (An example)

Equipment name	Quantity
Night vision device control panel (Touch panel screen)	1
Control box (Search light)	1
Night vision device control box (picture)	1
HDD recorder	1
17 inches LCD display	2