



CCTVTECH
CCTV TECHNOLOGIES PTE LTD

20 Years
of experience

Long Range Laser Speed Dome Camera

Designed for harsh environment

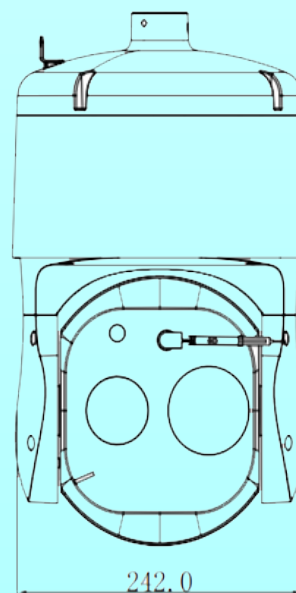
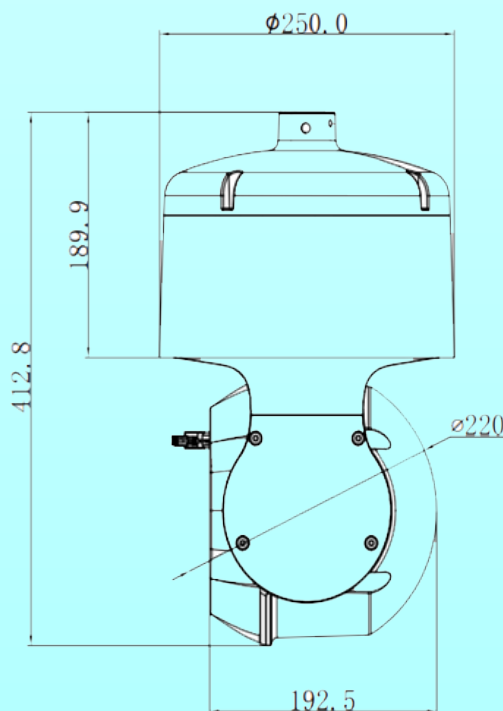
PB789



Overview

2 MP or 4 MP
37X, 46X or 72 X Optical Zoom
Long Range Laser Nightvision

500 meter or 800 meter Laser
2000 - 3000 meter viewing Range
IP66 - POE Built In





Features

- 2 MP (1920 × 1080) /4 MP (2560 × 1440), max Full HD 1920 × 1080/2560 × 1440 @30fps real-time image
- H.265/H.264/MJPEG video compression algorithm and multi-level differential viewing, frequency quality
- Configuration and coding complexity setting
- Starlight level ultra low illuminance, 0.001lux/F1.5 (color), 0.0005lux/F1.5 (B/W), 0 lux with IR
- 37x/40x/46x/72x optical zoom and 16x/8x digital zoom
- 500m/800m Laser Illuminator
- Micro SD / SDHC / SDXC card storage of up to 128G
- All metal structure
- Super heat dissipation, longer service life of IR and camera module
- - 40°C low temperature resistance, able to work continuously in harsh environment
- Simultaneous output of network

Specifications

Model No.	PB789-2H500L	PB789-4H500L	PB789-2H800L
Camera			
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Effective Pixels	1920(H) x 1080(V), 2 Megapixels;2560(H) x 1440(V), 4 Megapixels optional for 4237;		
Minimum Illumination	Color:0.001 Lux @(F1.8,AGC ON); Black:0.0005Lux @(F1.8,AGC ON);		
Lens			
Focal Length	6.5-240mm,37x optical zoom	7-322mm;46x optical zoom	7-504mm, 72x optical zoom
Aperture Range	F1.5-F4.8	F1.8-F6.5	F1.8-F6.5
Field of View	H:60.38-2.09°(Wide-Tele)	H:42.0-1.0°(Wide-Tele)	H:41.55-0.69°(Wide-Tele)
Minimum Photographic Distance	100-1500mm		100-2500mm
Zoom Speed	5s		
PTZ			
Pan Range	360° endless		
Pan Speed	0.05°~200° /s		
Tilt Range	-25°~90°		
Tilt Speed	0.05°~100°/s		
Number of Preset	255		
Patrol	6 patrols, up to 18 presets per patrol		
Pattern	4 , with the total recording time not less than 10 mins		
Power loss recovery	Support		
Laser Illuminator			
Laser Distance	500m		800m
Wavelength	850±10nm		
Power	2.5W		4.5W
IR LED (White-Light Optional)			
Distance	Up to 150m		
Video			
Compression	H.265/H.264 / MJPEG		
Streaming	3 Streams		
BLC	BLC / HLC / WDR(120dB)		
White Balance	Auto, ATW, Indoor, Outdoor, Manual		
Gain Control	Auto / Manual		
Network			
Ethernet	RJ-45 (10/100Base-T)		
Interoperability	ONVIF(G/S/T)		
General			
Power	AC 24V, 50W(Max), PoE optional		
Working temperature	-40°C ~60°C		
Humidity	90% or less		
Protection level	Ip66, TVS 4000V Lightning protection, Surge protection		
Mount option	Wall Mounting, Ceiling Mounting		
Weight	7.8kg		
Dimension	412.8*φ250mm		

Malaysia Distributor



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