

## Mega PowerView Plus Long Range PTZ Camera MPVP-775-( 15L Optional )



### Description

The Mega PowerView plus (MPVP) series are integrated with the mega special camera, long range lens, adjustable IR Laser, variable high-speed pan/tilt motor, central processing module and enclosure. It has excellent performances at both daytime and night, even in a foggy and rainy days. The body is ruggedized vandal resistance and water-tight designed, and could work in all-weather conditions.

The built-in zoom lens is designed to match the high sensitive day/night camera and IR Laser illumination, and to minimize the difference between the focus panels on a visible radiation and that on a near-infrared radiation.

The state-of-art design of pan/tilt system offers not only flexible pan and tilt rotation, but also delivers an accurate user controllable interface, which allows users to operate the system in “micro-step” way.

With the above outstanding technologies, the MPVP Series can detect target in 1~10km away in the most diverse weather conditions. The typical applications include: marine vessels, airport, harbors, ports, frontiers defense, customs, high way etc.

### Mainly application

With unique solid waterproof design and Fog/Haze Penetration, night vision features optional, it is tailor- made to be applied in low-light. It is ideal for applications such as city surveillance, government agency, border, airport, ports, perimeter, high way, industrial area and mobile surveillance, and so on.



## Feature Summary

- ❖ Integrated with Mega fog penetrate camera, CPM, variable high-speed pan/tilt motor and enclosure
- ❖ Lens options: 12.5~775mm(2X extender: 25~1550mm) (Motorized focus, zoom and auto iris)
- ❖ The laser illuminators work at 808nm, with 15W power

## Pan/Tilt Motor Feature

- ❖ All Metal body
- ❖ With sealed waterproof , dust proof (IP66) , bullet proof and vandal proof design
- ❖ Green or white color optional
- ❖ Geared pan/tilt design with auto-lock function
- ❖ Heavy duty 50kg
- ❖ CCD window with coated glass to prevent condensation
- ❖ Wiper system to clean CCD window
- ❖ Built-in Heater & fan, to work well under the harsh weather condition
- ❖ Built-in temperature control
- ❖ Internal temperature control in the housing
- ❖ with surge & non-volatile protection
- ❖ Power off memory
- ❖ User definable 128 preset , 8 preset tour
- ❖ Unique micro-step function design to ensure the precision of surveying long distance target
- ❖ Auto or manual Zero Calibration
- ❖ Support Onvif, Pelco P/D or others customized protocol
- ❖ Pan: 360° rotation and Tilt +/-45°
- ❖ Humidity resistance: maximum 98%
- ❖ CE/ ROHS certification
- ❖ temperature resistant: -40 C ~+75 (Military / industrial standard) optional

## 2Mega Defog-Day-Night Camera System Features

- ❖ 2mega Pixel, defog Feature
- ❖ Auto and manual control day/night mode
- ❖ Image Stabilization feature(Combined with LDX-EWS)
- ❖ FOG elimination filter, locally and remotely controlled
- ❖ Fog penetration capability is desirable
- ❖ Have window defrosting capability
- ❖ The Camera have an Automatic B & W mode: Auto - manual, locally and remotely

## Parameters

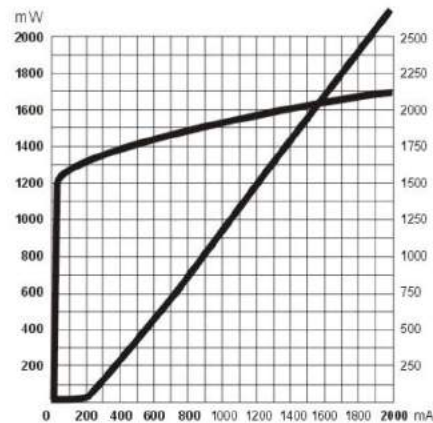
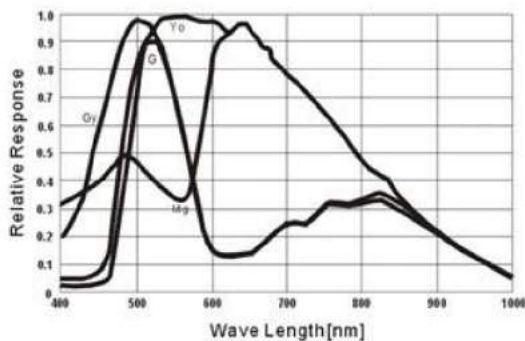
General Performance	
Rotation Range	Pan: 0~360° continuous rotation, Tilt: -45°~+45°
Rotation Speed	Pan: 0.01°~20°/s, Tilt: 0.01° ~ 5.7°/s
Preset Speed	Pan: 20° /s, Tilt:5.7° /s
Preset Accuracy	+/- 0.03° (auto or manual)
Auto Scan	1°-20°/s (auto or manual)
CCD Window	Toughened glass, firmness, high transmittance
Power Supply	AC24V / DC24V
Power Consumption	≤80W
Working Temperature	-20°C ~ +50°C
Storage Temperature	-40°C ~ +60°C
Dimensions(mm)	720×358×555
Packing Volume(mm)	1: 690×430×350, 2: 800×450×310
System Motor	Gear / Auto-lock

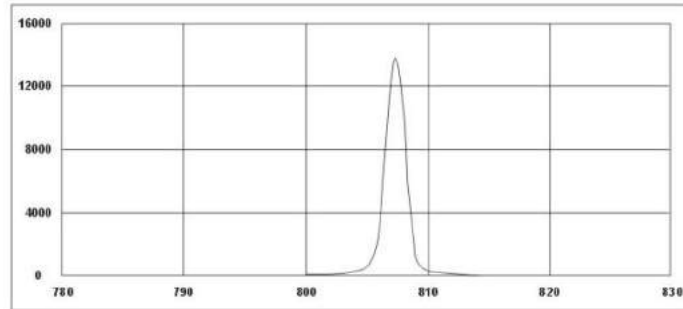
Component		Fog Penetrate Lens						
Focus (mm)	Optical Zoom	Aperture Range	Zoom Focus	Iris	Angle of View		M.O. D	2X extender
					Wide	Tele		
12.5~775	62X	F4.5~close	Motorized	DC drive	28.77°x 21.78°	0.47° x 0.35°	5m	Yes

Mega Camera Performance		
camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Low Lux	Color 0.002 Lux(F1.2//AGC ON)
		B/W 0.0002lx(F1.2/AGC ON)
	Shutter Speed	1~1/100,000 s
	Auto Iris	DC Drive
	Day night switch	ICR (Infred filter model)
	DNR	3D Noise reduction
	WDR	Support 120dB
Focus	Support ABF Secondary focus	
Compression Standard	Compressed format	MJPEG, MPEG-4, H.264
	H.264 Coding type	Baseline Profile/Main Profile/High Profile
	Video compression	32 Kbps~16Mbps
	Auto Com Standard	G.711/G.722.1/G0726/MP2L2

	Auto Compression	64Kbps(G.711)/16Kbps(G.722.1)/32-128Kbps(MP2L2)
Image	Max Image Dimesion	1920 ×1080 pixel
	Resolution / frame	50Hz:50fps(1920×1080, 1280×960, 1280×720) ;60Hz:60fps(1920×1080, 1280×960, 1280×720)
	System	Full 720p 50/60, 1080p 50/60, 1080p 25/30
	Image setup	Corridor model, saturation, brightness, contrast, sharpness can be adjusted by IE or CMS
	BLC	Support
	Defog	Support
	Electronic anti shake	Support
	Day/night Model	Auto, timing, alarm trigger
Network	Storge	Micro SD/SDHC/SDXC card (64G) Local storge, NAS(NFS,SMB/CIFS)
	Intelligent analysis	Detection for Boundary, scene change, intrusion and audio anomaly, motion detection, face detection, dynamic analysis
	Support protocol	TCP/IP, ICMP, HTTP, HTTPS, FIP, DHCP, DNS, DDNS, RTP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
	Port Protocol	ONVIF,PSIA,CGI,ISAPI,GB28181
	General functions	Block alarm, cable break, IP address conflict, memory full, memory fault

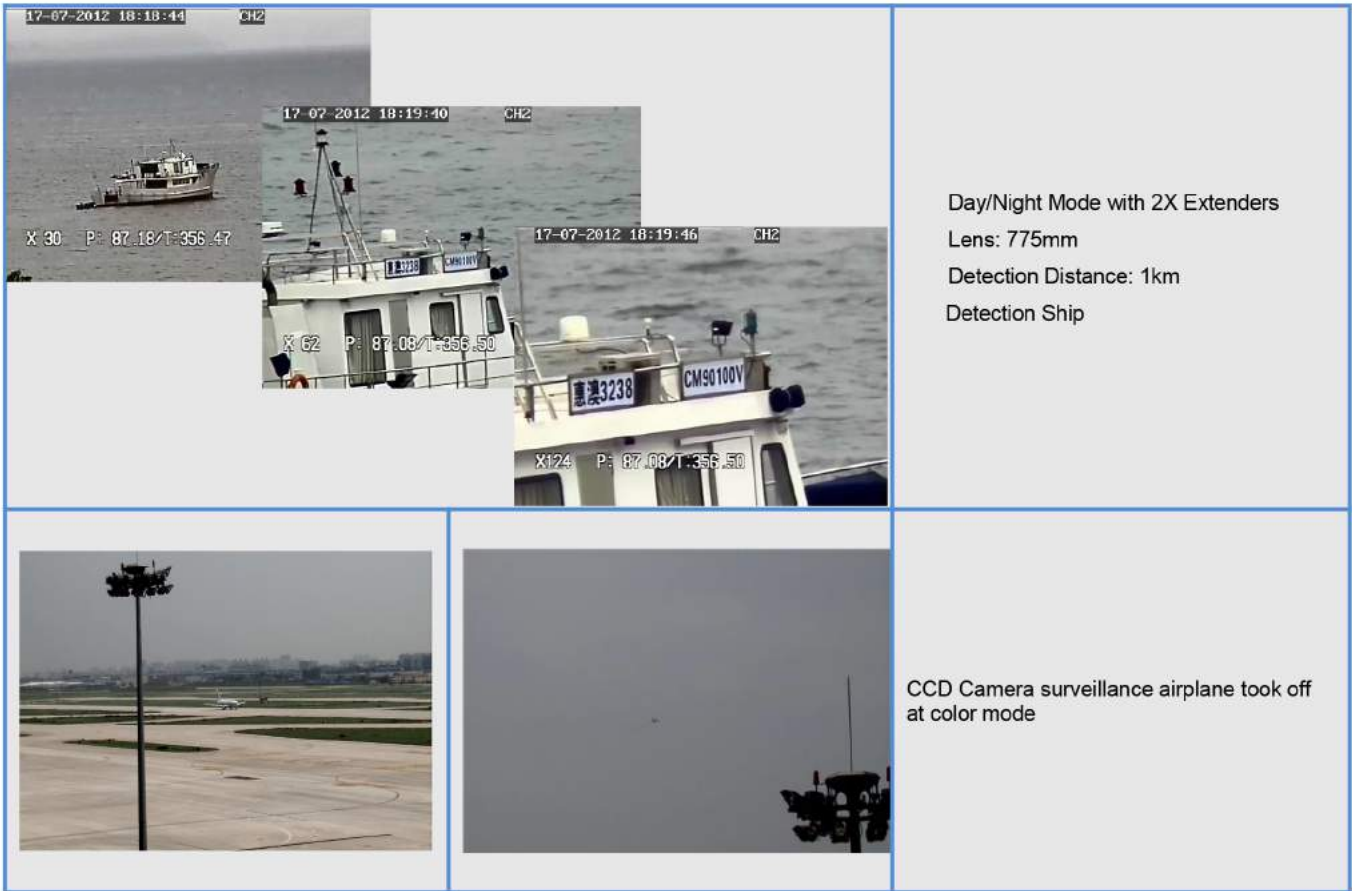
Component	IR Laser				
Optical Output (W)	Wave Length (nm)	Threshold Current (mA)	Working Voltage(V)	Slope Efficiency(%)	Working Current(mA)
15	808	500	14.7	1.2	2500





## Image Reference

<p>Laser Mode Lens: 775mm Adjustable Fiber Laser: 15W Detection Distance: 800m Detection Target: Person</p>		
		<p>Fog Penetrate Mode Day/Night Mode Lens: 775mm Detection Distance: 7 km Detection Ship</p>
<p>Day/Night Mode Lens: 775mm Detection Distance: 8km Detection Ship</p>		



Day/Night Mode with 2X Extenders  
Lens: 775mm  
Detection Distance: 1km  
Detection Ship

CCD Camera surveillance airplane took off at color mode

## Order Guide

Model		MPVP-775	MPVP-775-15L
Lens		12.5~775mm 25~1550mm(2X)	
Laser		—	15W
Detection Distance		Day	Night
	Person	5km	1.5km
	Car	7km	2.5km