

iPro Orbit WH-M500 PTZ dome network camera

Varifocal IP camera, Night vision

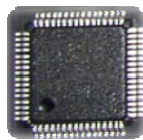
The WH-M500 PTZ dome network camera is high performance for video surveillance, combining high speed spin ability and high resolution 3x Vari-focal Lens, enable to perform in any harsh condition, applications are such as home, parking lot and office.

The pan tilt and zoom function, allows user easily control camera rotation to the designated position angle and zoom in object with high power IR LEDs. The PTZ dome network camera supports day and night surveillance, even in no light environment. The PTZ dome camera with built-in web server can transmit video and data over IP network and internet for remote monitor.

The WH-M500 network camera also adopts advance compression technology, such as MPEG4 and MJPEG. The PTZ dome camera use more efficient wide bandwidth design to efficiently manage large work load of surveillance monitoring system. The PZT dome camera combines economical and efficient surveillance monitoring solution. Everyone of the PTZ camera is tested and passed high standard requirements of all European Union CE certifications to ensure the PTZ dome camera can perform high standard work under any environment and humidity.

Powerful Video-Processing chip

- outstanding image quality
- exceptional dynamic range
- Captures more detail



Enhancement of camera performance

- Green design
- Long service life LED
- 100% passed durability test
- Innovated and practical design
- Temperature test, voltage protective test



Highlights

- ▶ **With Pan/Tilt/Zoom function**
- ▶ Superb 3x Varifocal Lens (2.8~7.3mm)
- ▶ With Infrared LEDs for day/night surveillance
- ▶ High resolution 530 TV lines
- ▶ Advanced 1/4 Super HAD CCD Sensor
- ▶ Resolution up to 25/30 fps per second at full D1 Ideal for Low light condition surveillance
- ▶ Dual mode **MPEG4 & MJPEG** compression
- ▶ Perfect IP surveillance for indoor surveillance

Reliability Test

- Color Testing
- Vector Testing
- Frequency Testing
- Video Quality Testing



Image System	
Image Sensor	1/4" Color Super HAD CCD
Picture Pixels	NTSC: 410,000. pixels PAL:470,000. pixels
Video Compression	MJPEG & MPEG-4 ASP hardware compression
Resolution	QCIF(160x112/NTSC ; 176x144/PAL) CIF(352x240/NTSC ; 352x288/PAL) D1(720x480/NTSC ; 720x576/PAL)
Image FPS	30fps at full D1 resolution(NTSC) 25fps at full D1 resolution(PAL)
Video	
Sync-sync	Internal
3x Pan Focal Lens	Zoom Lens (2.8mm ~ 7.3mm)
Focus Control	Auto focus
H-Resolution	530 TV lines
Min illumination	0.8 Lux/ F2.0
S/N ratio	More than 48 dB
Electronic Shutter	NTSC: 1/60 ~ 1/100,000 PAL: 1/50 ~ 1/110,000
Back light Comp.	Auto
White Balance	Auto
Infrared LEDs (Night Vision)	Yes
I/O Interface	
Network	RJ-45 x1
Analog Video Output	BNC connector x 1

Communication	
Ethernet system	10/100base-T x1 for LAN
Protocol supported	TCP/IP , UDP , HTTP , ARP , PPPoE , DDNS , IGMP
QoS	Layer 2,3
Simultaneous Access	10 User
Pan /Tilt	
Pan movement	0° ~ 355° continuous endless
Tilt movement	0° ~ 90°
Pan manual speed	8°/Sec to 80°/Sec vari-speed
Tilt manual speed	8°/Sec to 80°/Sec vari-speed
Preset	32 preset point
Preset Speed	80° per second
Power	
Power	AC100V ~ AC240V
Operating environment	
Built-in blower	Yes
Operating Temperature	-10 °C ~ 50 °C
Storage Temperature	-10 °C ~ 50 °C
Humidity	RH 95%
Dimension (Ø x H)	Ø116mm x 166mm
EMI	
CE, UL	



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