

iPro Orbit WH-M300 PTZ dome network camera

Indoor surveillance IP camera, Night vision

The iPro Orbit WH-M300 PTZ dome network camera combines innovation and performance for video surveillance applications. The PTZ dome camera performs high speed motor rotation for pan, tilt, and zoom, rotation speed up to 80° per second, allows user to remote control PTZ dome camera.

The WH-M300 can rotate to the designated position quickly. The PTZ dome camera with Pan focal lens that can focus on all object, application such as car parks and public areas, provide high quality image to meet you need.

The WH-M300 PTZ dome camera is standalone with high performance 32bit CPU processor with strong capability in computing, enables capture more detail and true color reproduction. Also the PTZ dome camera with high power IR LEDs supports day and night surveillance requirement.

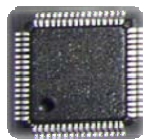


Highlights

- ▶ **With Pan/Tilt/Zoom function**
- ▶ 3x Optical zoom (2.8mm ~ 7.3mm)
- ▶ With Infrared LEDs for day/night surveillance
- ▶ High resolution 380 TV lines
- ▶ Advanced 1/4 Super HAD CCD Sensor
- ▶ Combine CCTV technology and network surveillance
- ▶ Ideal for Low light condition surveillance
- ▶ Dual mode **MPEG4 & MJPEG** compression

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

Reliability Test

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



Image System	
Image Sensor	1/4" Color Super HAD CCD
Picture Pixels	NTSC: 270,000. pixels PAL: 310,000. 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	380 TV lines
Min illumination	0.5 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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