

iPro Astro WH-S110-O PTZ Network camera

22x Optical zoom, Pan/Tilt/Zoom, Outdoor application

The iPro Astro WH-S110-O PTZ network camera combines robust design and great functions. With IP66 international certification outdoor housing, it is certified for waterproof and dustproof tests.

With built-in fan and heater can apply to unstable temperature condition, varying from -40 to 50 degree Celsius, ensuring all functions working properly. Built-in high performance 1/4 inch CCD sensor can effectively enhance network camera ISO functionality, retreating great quality of colors even in a dim light environment.

The PTZ camera is also ideal for most challenging low light conditions applications, such as public area, parking lot, and airport. The PTZ camera equipped with a powerful 22x optical zoom and 352x digital zoom, great transparency functionality with F1.6 large aperture, can clearly capture an object image from a far distance.

The auto focus function can easily identify object, capturing high quality image with true color reproduction. The WH-S110 PTZ network camera with advanced compressions of MPEG4 and M-JPEG can effectively save disk storage space. It is very suitable for large amount of surveillance monitoring system and very easy to manage.



Highlights

- ▶ Clear 480 TV Lines
- ▶ High sensitivity of 1.0 Lux
- ▶ Built-in fan and heater for reliability operation
- ▶ Hybrid IP network camera with analog and Ethernet Outputs.
- ▶ Capture more detail image
- ▶ High speed **Pan/Tilt/Zoom** function
- ▶ Vandal-Proof Dome Cove (Max load 380kg)
- ▶ High definition **22x optical zoom**
- ▶ Dual **MPEG4 & MJPEG** stream compression
- ▶ Protection Classification **IP 66** to DIN EN 60529

Powerful 22x Optical Zoom

- Auto Iris and Auto Focus
- Superb optical design
- High contrast images

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-sysnc	Internal / External
Lens	f=3.9 mm to 85.8 mm F=1.6 to 3.8
Optical Zoom	22x Optical Zoom
Digital Zoom	16x (352x Digital Zoom)
Focus system	Auto / Manual
Iris system	Auto / Manual
H-Resolution	480 Lines at NTSC/ PAL
Min illumination	1.0 Lux at F1.6 in day time
S/N ratio	More than 48 dB
Shutter	Auto , 1/60(50)~1/100,000.sec
Wide Dynamic Range	No
Digital Slow Shutter	No
Day & Night	No
I/O Interface	
Network	RJ-45 x 2
Analog Video Output	BNC connector x 1

Communication	
Ethernet system	10/100base-T x2 for LAN/WAN
Protocol supported	TCP/IP , UDP , HTTP , ARP , PPPoE , DDNS , IGMP
QoS	Layer 2,3
Simultaneous Access	Unlimited(multicast)
WAN	WAN for FTTP , Cable modem or xDSL connectivity
Pan / Tilt	
Pan movement	0° ~ 360° continuous endless
Tilt movement	0° ~ 90°
Pan manual speed	1°/Sec to 80°/Sec vari-speed
Tilt manual speed	1°/Sec to 40°/Sec vari-speed
Preset	64 preset point
Preset Speed	180° per second
Power	
Power	Waterproof adaptor box, 110Vac ~220Vac
Operating environment	
Operating Temperature	-40 °C ~ 50 °C (-40 ~ 122°F)
Storage Temperature	-40 °C ~ 85 °C (-40 ~ 185°F)
Humidity	5% ~ 95%
Dimension (Ø x H)	Outdoor: 246 mm x 306 mm Indoor: 175mm x 233mm
Outdoor Protected	IP 66 to DIN EN 60529
EMI	
CE, UL	



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