

iPro Astro WH-S900-O PTZ Network camera

36x Optical Zoom, Day & Night, Ideal for outdoor surveillance

The iPro Astro WH-S900-O PTZ network camera is high performance for the wide range motion surveillance. The PTZ camera combines pan/tilt/zoom function and high definition capability. It is very suitable for sport and outdoor surveillance monitoring.

Even if the light is dim in the evening, the monitored objects can still remain visible and clear. Example such as car license plate or facial details can be identified. The PTZ camera uses 36x optical zoom lens provides high definition images. It made it very easy to capture details of an object in far distance.

The WH-S900-O PTZ network camera is also combined with high speed motor featuring fast speed adjustment in pan and tilt, speed up to 380° per second. Application such as highway/freeway traffic monitoring and parking lot monitoring are suitable for the product.

The PTZ network camera provides high performance and cost efficient for video surveillance solution. The PTZ camera is weatherproof and passed IP66 international certification in waterproof and dustproof standard. The PTZ camera is tested to perform in all harsh environments.



Highlights

- ▶ Sharp 530 TV Lines
- ▶ DSS (Digital Slow Shutter)
- ▶ WDR (Wide Dynamic Range)
- ▶ Advanced Day & Night Function
- ▶ Powerful Pan/Tilt/Zoom function
- ▶ Rotation speed is a high 380° per second
- ▶ Superb optical design (36x Optical Zoom)
- ▶ Advanced 1/4" Color Ex-View CCD Sensor
- ▶ Dual MPEG4 & MJPEG stream compression
- ▶ Protection Classification IP 66 to DIN EN 60529



Powerful 36x Optical Zoom

- Auto Iris and Auto Focus
- Superb optical design
- High contrast images
- Wider dynamic range

Image System	
Image Sensor	1/4" Ex-View 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-senc	Internal / External
Lens	f=3.4mm to 122.4mm F=1.6 to 4.5
Optical Zoom	36X Optical Zoom
Digital Zoom	12x (432x Digital Zoom)
Focus system	Auto / Manual
Iris system	Auto / Manual
H-Resolution	530TV Lines at NTSC/ PAL
Min illumination	1.4Lux at F1.6 in Color; 0.01Lux at F1.6 in B/W
S/N ratio	More than 50 dB
Shutter	Auto , 1/60(50)~1/100,000.sec
Wide Dynamic Range	Yes
Digital Slow Shutter	Yes
Day & Night	Yes
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	0.5°/Sec to 60°/Sec vari-speed
Tilt manual speed	0.5°/Sec to 30°/Sec vari-speed
Preset	128 preset point
Preset Speed	380° 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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