

iPro Astro WH-S900 PTZ Network camera

36x Optical Zoom, Advanced Pan/Tilt/Zoom function

The iPro Astro WH-S900 PTZ network camera is use advanced dual mode MJPEG and MPEG4 compression technology, the MPEG4 format more effectively save the storage space and reduce video stream transmission at low bandwidth, and M-JPEG format provide high quality image, combine high performance of video surveillance and more efficient network bandwidth management.

The PTZ camera Very suitable for use in large-scale public places, such as public area or store, the camera is PTZ standard with pan, tilt, zoom capabilities, easy to control pan and tilt over IP network, combination of advanced optical zoom lens, the camera lens use 36x optical zoom and with 432x digital zoom, can be easy capture more detail and clear image. In addition, the PTZ camera with intelligence function, include auto patrol, motion detection, WDR (Wide Dynamic Range), Slow AE, and support 24/7 day and night surveillance, even in low light conditions.



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-sync	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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