

iPro Astro WH-S400-O PTZ Network camera

36x Optical zoom, Ideal for outdoor IP surveillance application

The iPro Astro WH-S400-O PTZ network camera is a high definition video surveillance camera. With 1/4 Ex-View CCD sensor, the iPro Astro WH-S400-O PTZ network camera provides more clear image and real-color presentation.

The PTZ camera is designed for wide range application. With fast speed and great accuracy, the pan, tilt and zoom function, can perform 360-degree continuous rotation surveillance for preset point patrol. The PTZ camera preset speed is up to 180° per second, easily and effectively working in all purpose surveillance.

The advanced optical lens in 36x optical zoom can easily capture any object image in distance such as car plate. It is very suitable for wide range and far distanced surveillance monitoring. The PTZ camera combines day and night function, even in low light conditions.

The outdoor housing passes IP66 certified standard for waterproof and dust proof. It is very suitable for outdoor environment uses. The PTZ camera has built-in fan and heater, provide wide range operating temperature from -40° ~ 50°



Highlights

- ▶ Clear 480 TV Lines
- ▶ DSS (Digital Slow Shutter)
- ▶ WDR (Wide Dynamic Range)
- ▶ Built-in Day & Night Function
- ▶ Powerful Pan/Tilt/Zoom function
- ▶ Vandal-Proof Dome Cove (Max load 380kg)
- ▶ High definition 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	480 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 80°/Sec vari-speed
Tilt manual speed	0.5°/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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