

iPro Astro WH-S220-O PTZ Network camera

27x Optical zoom, Day/night surveillance

The iPro Astro WH-S220-O PTZ network camera is high resolution, with built-in IR-filter ready to day and night video surveillance, and combines video server support for real-time remote monitor.

With motorized pan/tilt functionality and high-definition 27x optical zoom (270x digital zoom), for wide range outdoor security monitoring applications. The WH-S220-O use advanced MPEG4 compression technology, for high-quality video stream at low bandwidth.

The WH-S220-O PTZ camera produces up to 25 to 30 fps per second at true D1 video resolution. The PTZ network camera with 1/4" Super HAD CCD sensor, and high performance DSP chip, produces more detail and clear images, ideal form most challenging low light applications.

The WH-S220-O PTZ camera is compact fixed camera in stylish dome, with IP66 waterproof standard, regardless of the quality or capability, to meet the most demanding situations.



Highlights

- ▶ Clear **480** TV Lines
- ▶ High sensitivity of 0.01 Lux
- ▶ High speed **Pan/Tilt/Zoom** function
- ▶ Vandal-Proof Dome Cove (Max load 380kg)
- ▶ High definition **27x optical zoom**
- ▶ Dual **MPEG4 & MJPEG** stream compression
- ▶ Support Day/Night surveillance
- ▶ Built-in fan and heater for reliability operation
- ▶ **WDR (Wide Dynamic Range)**
- ▶ Protection Classification **IP 66** to DIN EN 60529



Powerful 27x Optical Zoom

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

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=3.25 mm to 88.0 mm F=1.5 to 3.8
Optical Zoom	27x Optical Zoom
Digital Zoom	10x (270x Digital Zoom)
Focus system	Auto / Manual
Iris system	Auto / Manual
H-Resolution	480 Lines at NTSC/ PAL
Min illumination	1.0Lux at F1.5 in Color; 0.01Lux at F1.5 in B/W
S/N ratio	More than 48 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	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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