iPro Astro WH-S110 PTZ Network camera

Cost-efficient, 22x Optical zoom

The iPro Astro WH-S110 PTZ network camera has both analog and Ethernet outputs. It combines traditional CCTV and IP network system, and it increases PTZ camera flexibility and management applications. It is very suitable for diverse management. Applications such as bank, parking lot, and public areas video surveillance are typical work for the camera.

The WH-S110 PTZ camera is equipped with a DSP engine chip improving camera performance, capturing more details and clear images. It is ideal for indoor video surveillance. The PTZ network camera use state-of-the-art optical design, equipped 22x optical zoom and 16x digital zoom. It is easy to capture target recognition and identification.

The PTZ camera can perform 360 degree rotation surveillance, with pan and tilt capabilities and auto-patrol function. It is ideal for wide range video surveillance application.

The PTZ network camera has up to 480 TV lines resolution, reliable and great performance. It is equipped with intelligence function, including motion detection, email alarm, and relay output to meet your video surveillance needs.

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-sync	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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