

# iPro Vision WH-R330 Fixed Network camera

## Waterproof outdoor IP camera, Night Vision

The iPro Vision WH-R330 network camera is equipped with infrared sensor for day and night video surveillance solution, applications for outdoor in dark condition. The fixed camera is equipped with a built-in web server enables a real-time monitoring and video recording requirements, and especially well-suited for uses in distributed video surveillance systems applications. In addition, the network camera with intelligent functions includes motion detection, Email alarm and external I/O, combination of innovation and reliability, provide 24/7 all-weather video surveillance solutions.

In the standard of security, the captured image must be vivid and recognized to users. Therefore, the WH-R330 network camera with 530 TV Lines high resolution provides a very detailed video captured images, enables the recognition of the captured objects. Even in the low light condition, 0.5 LUX still produces good image quality and reveals the clearness of the images. The network camera also features smart intelligent functions, include auto backlight, electronic shutter, and white balance enhance camera flexibility and performance.

### Enhancement of camera performance

- Green design
- Corrosion proof
- Improved blower
- Long service life LED
- 100% passed durability test
- Innovated and practical design
- Temperature test, voltage protective test



### Highlights

- ▶ Night vision function with infrared LEDs
- ▶ Auto Electronic Shutter
- ▶ IP66 standard with waterproof protection
- ▶ Provide clear image and outstanding quality images
- ▶ Sharp 530 TV lines
- ▶ Provide for Indoor and outdoor applications
- ▶ Video stream up to 25~30 fps per second
- ▶ Dual MPEG4 & MJPEG stream compression
- ▶ Ideal for *Day/Night* surveillance application

### Reliability Test

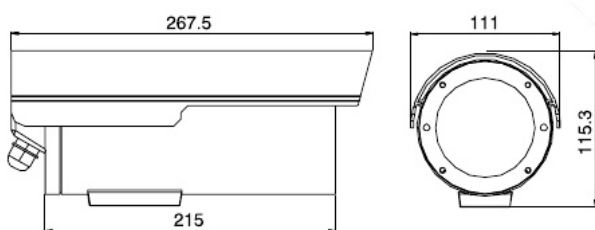
- Color Testing
- Vector Testing
- Frequency Testing
- Video Quality Testing



<b>Image System</b>	
<b>Image Sensor</b>	1/3" Color Super HAD CCD
<b>Picture Pixels</b>	NTSC: 410,000. pixels PAL: 470,000. pixels
<b>Video Compression</b>	MJPEG & MPEG-4 ASP hardware compression
<b>Resolution</b>	QCIF(160x112/NTSC ; 176x144/PAL) CIF(352x240/NTSC ; 352x288/PAL) D1(720x480/NTSC ; 720x576/PAL)
<b>Image FPS</b>	30fps at full D1 resolution(NTSC) 25fps at full D1 resolution(PAL)
<b>Video</b>	
<b>Sync-sync</b>	External
<b>Lens</b>	Standard 8mm Lens
<b>Iris control</b>	No
<b>H-Resolution</b>	530 TV lines
<b>Min illumination</b>	0.2 Lux/ F1.2
<b>S/N ratio</b>	More than 48 dB
<b>Electronic Shutter</b>	NTSC: 1/60 ~ 1/100,000 PAL: 1/50 ~ 1/110,000
<b>Back light Comp.</b>	Auto
<b>White Balance</b>	Auto
<b>Infrared LEDs (Night Vision)</b>	Yes
<b>I/O Interface</b>	
<b>Network</b>	RJ-45 x1
<b>Analog Video Output</b>	BNC connector x 1

Communication	
Ethernet system	10/100base-T x1 for LAN
Protocol supported	TCP/IP , UDP , HTTP , ARP , PPPoE , DDNS , IGMP
QoS	Layer 2,3
Simultaneous Access	10 User
Power	
Power	AC100V ~ AC240V
Operating environment	
Built-in blower	Yes
Outdoor Protected	IP66 Waterproof
Operating Temperature	-25 °C ~ 50 °C
Storage Temperature	-25 °C ~ 50 °C
Humidity	RH 95%
Dimension (Ø x H)	267.5mm x 111mm x115.3mm
EMI	
CE, UL	

**Dimensions:**



**Waterproof Test**

Protection Classification IP 66 to DIN EN 60529

- Protection against a wire touching dangerous parts.
- Sealed against dust
- Protection against powerful water jet



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