# RainVision

**ONVIF**

# IPHMPTZ2-20X-IR

## 2MP OUTDOOR IR WDR DAY/NIGHT PTZ IP CAMERA

## FEATURES

- 30FPS @ 2MP (1920 x 1080)
- 4.7-94mm 20x Optical Zoom Lens
- H.264 / MJPEG
- IR Range up to 165'
- WDR, DNR, Day/Night
- Outdoor IP66
- 12VDC, PoE
- Available in White

Rainvision is a leading brand of HD and IP network video surveillance cameras and recording equipment. By utilizing the latest technology in the industry, Rainvision video surveillance cameras provide all of the crisp, clear image quality in any security application or environment. With incorporating the latest ONVIF Profile S standards, Rainvision allows for easy integration and interoperability.

## SPECIFICATIONS

### CAMERA

| | |
|---|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.05 Lux @ f/1.6 AGC On |
| | B/W: 0.01 Lux @ f/1,6 AGC On, 0 Lux with IR |
| Shutter Speed | 1/1s to 1/30,000s |
| Lens | 4.7-94mm 20x Optical Zoom |
| Angle of View | 58.3° to 3.2° ( Wide to Tele ) |
| Day & Night | IR Cut Filter |
| IR Range | 165' |
| DNR | 3D DNR |
| WDR | Support |
| Pan and Tilt | Pan: 360° Endless, Tilt: -5°~90° |
| Speed | Zoom Speed: 2.7s (Opitcal Lens, Wide to Tele) |
| | Pan Speed: Configurable from 1°/s to 300°/s, |
| | Preset Speed: 250°/s, Tilt Speed: |
| | Configurable from 1°/s to 300°/s, |
| | Preset Speed: 200°/s |
| Number of Presets | 300 |
| Patrols | 8 Patrols, Up to 32 Presets Per Patrol |

### COMPRESSION STANDARD

| | |
|---|---|
| Video Compression | H.264 / MJPEG |
| Triple Streams | Support |
| Audio Compression | G.711alaw / G.711ulaw / G.722.1 / G.726 / MP2L2 / PCM |

### IMAGE

| | |
|---|---|
| Max. Resolution | 1920 x 1080 |
| Frame Rate | Main Stream: 50Hz: 25FPS @ 1920 x 1080, 25FPS @ 1280 x 960, 25FPS @ 1280 x 720, 60Hz: 30FPS @ 1920 x 1080, 30FPS @ 1280 x 720, 30FPS @ 1280 x 720 |
| BLC | Support |

### NETWORK

| | |
|---|---|
| Network Storage | micro SD/SDHC/SDXC Card (64GB) Local Storage; Edge Recording |
| Alarm Trigger | Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance, Region Exiting, Audio Exception Detection, Motion Detection, Dynamic Analysis, Tampering Alarm, Network Disconnect, IP Address Conflict, Storage Exception |
| Alarm Linkage | Alarm Actions, Such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP / Memory Car / NAS, Send Email, etc. |
| Protocols | IPv4/IPv6, HTTP, HTTPS, 802.1X, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, PPPoE |
| Standard | ONVIF, PSIA, CGI |
| Interface | 1 RJ45 10M/100M Ethernet Interface; POE (802.3at, class4) |
| Audio Input | 1 Channel |
| Audio Output | 1 Channel |

### GENERAL

| | |
|---|---|
| Operating Conditions | -22 °F ~ 149 °F, Humidity 90% or less |
| Power Requirement | 12VDC and PoE (802.3at, class4) |
| Power Consumption | Max. 18W, IR Light 5W Max. |
| Ingress Protection | IP66 (Outdoor), TVS 4,000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Dimensions | Φ6.67" x 6.34" |
| Weight | 5.4 lbs |
| Warranty | 1 Year |
| Package Contents | Camera, Installation CD/Manual/Template, Installation Accessories |