



# Model : UHD-20X-IP

## PTZ VIDEO CAMERA



### Features

- Adopts most advanced DSP, 1/2.8 inch 5MP sensor
- 20x Optical Zoom + 2x Digital Zoom, with 61 degree field of view
- 1080P60 video over IP, and support H.264, H.265 encoding
- Support POE: easy to use one RJ45 cable to get video, control and power supply
- IP, HDMI, SDI, USB outputs, fit for different application
- Smooth PTZ mechanical design, accurate pan tilt motor control
- Special Focusing Algorithm: fast and precise focusing performance when zooming or moving
- WDR, 3D Noise Reduction feature
- Standard IP Visca, Serial Visca, Pelco-P/D control protocol; IP Visca over TCP/UDP
- Supplied with functional IR remote controller, can set IP address via OSD menu
- Automatic access to the IP address
- 128 presets
- Image flip function, support upside-down installation
- Support daisy chain feature



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## Technical Specification

|                    |        |                                                                          |                      |                                        |
|--------------------|--------|--------------------------------------------------------------------------|----------------------|----------------------------------------|
| Sensor             |        | 1/2.8 inch, 5Mega Pixel High Quality CMOS sensor                         | Mechanisam           |                                        |
| Video System       | HDMI   | 1920X1080P60/50/30/25;<br>1280X720P60/50/30/25;<br>1920X1080i60/50       | Rotation Angle       | Pan: -170° - +170°; Tilt: -30° - +90°  |
|                    | SDI    | 1920x1080P60/50/30/25;<br>1280x720P60/50/30/25<br>1920x1080i60/50        | Rotation Speed       | Pan:0° - 120° /s; Tilt: 0° - 80°/s     |
|                    | IP     | Main Steam:1920x1080P60<br>Sub<br>Steam:1280x720,704x576,640x480,352x288 | Pan Tilt Flip        | Supported                              |
|                    | USB3.0 | 1920x1080P60/50/30/25<br>1280x720P60/50/30/25                            | Control Port         | RS232/RS485                            |
|                    | USB2.0 | 1280x720P25;1024x576P30;<br>960x540P30;640x360P30;512x288P30,352x288P30  | Video Port           | HDMI/RJ45/SDI/USB3.0/USB2.0            |
| Zoom               |        | 20x optical zoom & 2x digital zoom                                       | SNR                  | 75dB                                   |
| View Angle         |        | 61°(diagonal)                                                            | Encode               |                                        |
| Focal Length       |        | f=5.2(near) - 98mm(far)                                                  | Network Speed        | 1000M                                  |
| Preset             |        | 10 via remote controller: 128 via serial port; preset precision: 0.1°    | Video Encoding       | H.264/H.265                            |
| Noise Reduction    |        | 2D & 3D                                                                  | Bit Rate Control     | Variable Bit Rate, Constant Bit Rate   |
| SNR                |        | Above 50dB                                                               | Video Bit Rate       | 1024Kbps - 30720Kbps                   |
| Minimum Lux        |        | 0.01Lux                                                                  | Frames               | 50HZ: 1fps - 30fps; 60HZ: 1fps - 30fps |
| White Balance      |        | Auto/Manual/Auto Tracking/One Push/Indoor/Outdoor                        | IP Protocol          | TCP/IP, HTTP, RTSP, Onvif DHCP         |
| Anti Flicker       |        | 50Hz/60Hz/OFF                                                            | POE                  | Supported                              |
| D/N Mode           |        | Supported                                                                | Input Voltage        | DC12V,2A                               |
| Gamma              |        | Supported                                                                | OSD Menu             |                                        |
| Mirror Image       |        | 0.01Lux                                                                  | Language             | English/Chinese                        |
| IRIS               |        | Auto/Manual                                                              | Dimension(W x H x W) | Auto/Manual                            |
| Electronic Shutter |        | Auto/Manual                                                              | Dimension            | 220mm x 173mm x 190mm                  |
| BLC                |        | Auto/Manual                                                              | Net Weight           | 1.25KGS(2.8LBS)                        |
| Focus              |        | Auto/Manual                                                              | Package              | 320mm x 300mm x 310mm                  |