

4.5" HD-IP IR 20X High Speed dome 2.0/5.0MP IP PTZ Camera



## Features

- \* 4.5" double layer metal body construction, IP66 rate protection
- \* 1/3" CMOS, 2.0/5.0 Megapixels, 20X optical zoom
- \* HD-IP digital interface output, 2.0/5.0MP high definition image
- \* PWM function, intelligent IR illumination & power consumption is variable, dependant the zoom factor
- \* IR distance 150M
- \* Support P2P function, OSD menu is available
- \* ONVIF2.4 compatible; good compatibility with NVRs like DAHUA , HIKVISION , JUFENG and AXXON , Milestone and so on

## Dimension



## Accessories

- Instruction book
- Warrant card
- Screw fittings
- Desiccant

|                         |                                                                |                                                 |                                                                       |
|-------------------------|----------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------|
| Product Name            | 4.5" HD-IP IR High Speed dome 2.0/5.0MP IP PTZ Camera          |                                                 |                                                                       |
| <b>Camera</b>           |                                                                |                                                 |                                                                       |
| Model Number            | WDM-IP8886F-20X                                                | WDM-IP8886FH-20X                                | WDM-IP8817HR/20X                                                      |
| Image Sensor            | 1/3" 2.0M pixels CMOS Hi3516C + Sensor Sony 323                | 1/3" 2.0M pixels CMOS Hi3516D + Sensor Sony 290 | 1/3" 5.0M pixels CMOS Hi3516D + Sensor AR0521                         |
| Effective Pixels        | 2.0MP(1920x1080)                                               |                                                 | 5.0MP(2592x1944)                                                      |
| Min. Illumination       | Color; 0.05Lux@(F1.6, AGC ON) ; 0.01Lux@(F1.6, AGC ON)         |                                                 |                                                                       |
| Zoom                    | 20X optical zoom, f=4.7-94mm, D/N( ICR-Cut) ,F1.6~F1.8         |                                                 |                                                                       |
| Day/Night               | Day / Night / External control (IR Cut Filter)                 |                                                 |                                                                       |
| SNR                     | ≥50dB(AGC OFF)                                                 |                                                 |                                                                       |
| WDR                     | Digital WDR≥70dB                                               | Super WDR                                       | Digital WDR≥70dB                                                      |
| AGC                     | Auto / Manual                                                  |                                                 |                                                                       |
| White balance           | Auto/Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp      |                                                 |                                                                       |
| Digital noise Reduction | DNR, 3DNR                                                      |                                                 |                                                                       |
| <b>Network</b>          |                                                                |                                                 |                                                                       |
| Video Compression       | H.265/H.264 Main Profile/M-JPEG                                |                                                 |                                                                       |
| Max Image Size          | 1920x1080@30fps                                                |                                                 | 2592x1944@30fps                                                       |
| Streams                 | Dual streams                                                   |                                                 |                                                                       |
| Frame Rate              | Main stream: 1920*1080, 1280*960, 1280*720,720*576, 640*480    |                                                 | Main stream: 2592*1944,1920*1080, 1280*960, 1280*720,720*576, 640*480 |
|                         | Sub-stream: 640*480,480*360, 352*288, 320*240, 176*144         |                                                 | Sub-stream: 640*480,480*360, 352*288, 320*240, 176*144                |
| Bitrate                 | CBR/VBR, bitrate; 32Kbps~10Mbps variable                       |                                                 |                                                                       |
| Audio Compression       | G711, PCM                                                      |                                                 |                                                                       |
| P2P                     | Android / IOS                                                  |                                                 |                                                                       |
| Protocols               | TCP/IP,HTTP, NTP,IGMP, DHCP,UDP,SMTP,RTP,RTSP,ARP,DDNS,DNS,P2P |                                                 |                                                                       |
| Motion detect           | Support                                                        |                                                 |                                                                       |
| Privacy Zone Masking    | Support                                                        |                                                 |                                                                       |
| Onvif                   | Onvif 2.4                                                      |                                                 |                                                                       |
| <b>IR parameters</b>    |                                                                |                                                 |                                                                       |
| Night vision distance   | 150M                                                           |                                                 |                                                                       |
| <b>Dome Features</b>    |                                                                |                                                 |                                                                       |
| Pan Range               | 360° continued rotation                                        |                                                 |                                                                       |
| Tilt Range              | 0~90°(Auto Flip)                                               |                                                 |                                                                       |
| Manual pan speed        | 0.02~200°/S (1-64 degree variable)                             |                                                 |                                                                       |
| Manual tilt speed       | 0.02~120°/S (1-64 degree variable)                             |                                                 |                                                                       |
| Actual preset Accuracy  | ±0.10°                                                         |                                                 |                                                                       |
| Preset points           | 220                                                            |                                                 |                                                                       |
| Operation OSD language  | Chinese /English                                               |                                                 |                                                                       |
| <b>General</b>          |                                                                |                                                 |                                                                       |
| Certification           | RoHS ,CE,FCC,IP66                                              |                                                 |                                                                       |
| Work temperature        | External-35Celsius degree-65Celsius degree                     |                                                 |                                                                       |
| Work Humidity           | 0%~95% (Non condensing)                                        |                                                 |                                                                       |
| Temperature control     | Intelligent control                                            |                                                 |                                                                       |
| Power                   | DC 12V                                                         |                                                 |                                                                       |
| Consumption             | ≤ 20W                                                          |                                                 |                                                                       |
| Lightning Protection    | Transient Voltage 6000V                                        |                                                 |                                                                       |