



x3 HD IP ULTRA-LOW LIGHT DOME CAMERA

NEW PHID-H300ZIR



Features

Using Ultra-Low Light sensor

With 2M 1/1.9" CMOS image sensor, you can check High image quality and clear color images in dim light environment. It also has the ability to powerful low noise effect and outstanding noise reduction.

Powerful zoom capability

x3 optical zoom, x12 digital zoom, excellent automatic focusing, and 3.6 ~ 10 mm focus range. Especially, since the aperture is F1.5~F2.5, it is possible to acquire better quality image than any other camera.

Triple codec, Simultaneous multi steaming

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264/H.265 with simultaneous transmission to Network Video Recorder.

Weather Proof Design

With IP66 protection, the camera ensures normal operation regardless of rain, snow or storm.

Specifications

Camera

| | |
|--------------------------|--|
| Model | PHID-H300ZIR |
| Image Device | 1/1.9" Progressive Scan CMOS |
| Total Pixels | 1,956(H)X1,266(V) |
| Effective Pixels | Approx. 2.35 Mega pixels |
| Aspect Ratio | HD: 16:9 |
| Zoom Ratio | Optical x3, Digital x12 |
| Focal Length | f = 3.6 ~ 10.0 mm |
| Aperture | F1.5 ~ F2.5 |
| FOV(Horizontal) | 102.5°(W) ~ 59.8 °(T) |
| MIN. Illumination | COLOR : 0.005 Lux@F1.5 B/W : 0.0005 Lux@F1.5, 0 Lux (IR) |
| Day & Night | Auto(CDS/CAM) / Day / Night(ICR) |
| Focus | Auto/Semi Auto/Manual/One Push |
| DNR(2D/3D) | OFF/LOW/MIDDLE/HIGH |
| Shutter Speed | 1 sec ~ 1/10,000sec(60/30 mode) 1 sec ~ 1/10,000sec(50/25 mode) |
| AGC | Auto/Manual |
| White Balance | Auto/Indoor/Outdoor/Manual |
| WDR/BLC | OFF/BLC/WDR(Digital) |
| Other Function | Defog(Digital), HLC, Dynamic slow shutter |

General

| | |
|------------------------|--------------------------------------|
| Digital In /Out | 1 Alarm Sensor In / 1 Out |
| Audio In / Out | 1 Audio In / 1 Audio Out |
| Video Out | VBS 1.0 Vp-p |
| Power | DC12V |
| Approvals | IK10,KC, IP66 |
| Housing | Weather proof/Vandal Proof Structure |
| Material | Body: Aluminum Die-casting |
| Dimension | 150 x 118 (mm),Dome Ø100 |
| Weight | About : 750g |
| Operating Temp. | -40°C ~ 50°C |

Infrared LED

| | |
|--------------------|---------------|
| IR Distance | More than 30m |
| Wave | 850m |

Camera

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|---------------------------|--|
| Ethernet | 10Base-T/100Base-Tx |
| Video Compression | H.265/H.264 /MJPEG |
| Video Stream | Main 1080p/720p |
| | Second D1/CIF/QCIF |
| | Third 1080p/720p/D1/CIF/QCIF |
| Stream Type | Video/Complex(Video/Audio) Stream |
| Frame Rate | Max. 30 /25 fps for 1080P/720P/D1/CIF/QCIF |
| Bitrate | 30Kbps ~ 16Mbps. Supports CBR/VBR/FIX QP |
| Audio Compression | Two way, G.711 A-law, G.711 μ -law, 128kbps, sampling rate 8kHz |
| Local Storage | Micro SD/SDHC/SDXC card. Support up to 128GB |
| IVA | Motion Detection, Occlusion Detection, Line Crossing*, Region entrance/exiting*, Intrusion*, Tampering*, etc |
| Alarm actions | Email, Micro SD/SDCH/SDXC Record, Relay Output, Snapshot, Notification of Client |
| Alarm | Pre-Post Alarm |
| Max No. of Clients | 10 users(Depending on user bandwidth) |
| Web Brower | IE 6.0 above |
| Protocols Support | IPv4 IPv4/IPv6*, TCP/IP, UDP, RTP, RTSP, RTMP, NTP, HTTP, HTTPS*, SSL*, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMP* |
| | DDNS Public DDNS services Support: www.dyndns.com |
| | ONVIF PROFILE S |
| Security | User Authentication(ID/PW), IP Address/Mac Address filtering* |

The specifications are subject to change without prior notice. (*) This feature is under development and will be added in the future.

Dimension

Unit: mm



PROBEDIGITAL Co.,Ltd.

Probedigital is a company specializing in IP security surveillance that designs, manufacture and distributes based on the long experience and know-how. The main products are multi-sensor IP camera, IP PTZ camera, IP housing integrated bullet camera, mainly developed by differentiation based on product group using low-light zoom module and own technology.

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