



AHP2305D-F3-IR20

2MP Mini Dome IP Camera

Features

- ◆ 2MP, 1/2.7" CMOS sensor
- ◆ H.264/H.265 video compression
- ◆ Maximum resolution of 2560*1440 @ 20fps
- ◆ Dual encoding streams supported
- ◆ 3.8mm HD fixed lens, ICR filter
- ◆ High-brightness infrared light, 15-25 meters effective IR distance
- ◆ Supports IOS/Android Mobile view and control
- ◆ Alarm functions such as Human Detection and Around Alarm.
- ◆ Supports Edge, Chrome and Safari
- ◆ Build-in microphone
- ◆ IP66 weatherproof
- ◆ Metal casing
- ◆ Supports DC12V power supply & POE with SPD
- ◆ Supports VMS remote management system

Specification

Camera

Image Sensor	1/2.7" CMOS
Operating System	Embedded Linux
Min. Illumination	Color: 0.1Lux(F1.2, AGC OFF) B/W: 0.01Lux(F1.2, AGC OFF); 0 Lux with IR
Shutter Time	1/25 ~ 1/10000s
Lens	3.8mm 3MP fixed lens (Optional 2.8mm lens)
SNR	≥ 45dB(AGC OFF)
Day& Night	Auto / Color / B/W
Wide Dynamic Range	N/A
Filter	ICR mechanical switching filter

Compression Standard

Video Compression	H.264/H.265
Video Bit Rate	133Kbps~5324Kbps
Audio Compression	G.711A / G.711U
Audio Bit Rate	8~64Kbps

Image

Max. Image Resolution	2560x1440
Main Stream	Max 20fps (2560x1440), 25fps (2304x1296), 30fps (1920x1080)/ (1280x720)
Sub-Stream	Max 30fps D1 (720x480)/ VGA (640x480)/ CIF (352x288)
Image Settings	Brightness, Saturation, Contrast, Tone, Sharpness, Flip Mode Adjustable, D/N image configuration
Image Processing	D/N mode management, DNR, Backlight compensation, Anti-Flicker, AE setup
OSD	Week, Date, Time and Channel name ; Adjustable position
Privacy Mask	4 Zones

Network

Mobile devices	IOS/Android APP
Alarm Trigger	Motion Detection/ Video loss/ Video Tampering/ Around Alarm/ Human Detection/ Vehicle Detection/ Sound Detection/ Flame Detection
Protocols	TCP/IP, RTP, RTSP, HTTP, DNS, DDNS, DHCP, FTP, NTP, UPNP
User Management	Max 8 Users
System Compatibility	ONVIF (Profile S / T), SDK

Connection Interface

Internet	1-ch RJ45 10M / 100M Ethernet
Power	1 DC connector, 2.1 mm inner diameter
External Alarm I/O	N/A
Internal Microphone	Yes
Internal Speaker	N/A
External Audio I/O	N/A (Optional)
Internal MicroSD Slot	N/A

General

Language	English, Traditional Chinese
Operating Conditions	-0°C ~ 50°C, 0 ~ 95% RHG
Power Supply	DC 12V ± 10%, PoE (802.3af)
Power Consumption	DC 12V / 8W (Max.)
Weather Proof	IP66
IR Range	15m~25m
IR LEDs	12pcs IR LED
Image Mode	Support Color to B/W when IR is on.
Dimensions	110mm × 110mm × 100mm
Weight	450g