

# 2MP WDR LightHunter IR Network Dome Camera

IPC2222SB-AHDF28KM-I1



## Features

- High quality image with 2MP, 1/2.8" CMOS sensor
- 1920\*1080@60fps in the main stream, deliver detailed live while 60fps keeping it smooth and closer to the real image
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support Cross Line and Intrusion based on human body and vehicle detection
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Support 9:16 Corridor Mode
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Support Smart IR, up to 80m IR range
- DC12V or PoE (IEEE 802.3af) power supply
- Audio 1 in and 1 out, Alarm 1 in and 1 out

- Built-in Mic
- IP67,IK10

## Specifications

Camera	Description
Sensor	1/2.8" CMOS
Min. Illumination	Colour:0.001 lux (F1.6, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
Adjustment Angle	Pan: 0° to 360° Tilt: 0° to 90° Rotate: 0° to 360°
WDR	120dB
S/N	>52dB
Lens	Description
Focal Length	2.8 mm
Iris Type	Fixed
Iris	F1.6
Field of View (H)	105.9°
Field of View (V)	56.4°
Field of View (D)	137.7°
DORI	Description
DORI Distance(Lens)	2.8mm
DORI Distance(Detect)	43.4m(142.5ft)
DORI Distance(Observe)	17.4m(57.0ft)
DORI Distance(Recognize)	8.7m(28.5ft)
DORI Distance(Identify)	4.3m(14.3ft)
Illuminator	Description
Illumination Distance(IR)	80 m (262 ft)
Wavelength	850 nm

IR On/Off Control	Auto/Manual
<b>Video</b>	<b>Description</b>
Video Compression	Ultra 265; H.265; H.264; MJPEG
Frame Rate—Main Stream	1080P (1920*1080), Max 60fps
Frame Rate—Sub Stream	720P (1280*720), Max 60fps
Video Bit Rate	128 Kbps ~ 16 Mbps
ROI	Up to 8 areas
Video Stream	Dual Streams
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas per scene
<b>Image</b>	<b>Description</b>
White Balance	Auto; Outdoor; Fine Tune; Sodium Lamp; Locked; Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal; Flip Vertical; Flip Horizontal; 180°; 90°Clockwise; 90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Heatwave Reduction	N/A
<b>Intelligent</b>	<b>Description</b>
Smart Intrusion Prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection (based on Human Body and Vehicle Detection)
<b>Events</b>	<b>Description</b>
Basic Detection	Ultra Motion detection(based on human body and vehicle detection), Motion detection, Audio detection, Tampering alarm
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication; HTTP Authentication; Alarm Input; Alarm Output
<b>Audio</b>	<b>Description</b>
Audio Compression	G.711U; G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support

Sampling Rate	16KHZ
<b>Storage</b>	<b>Description</b>
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
<b>Network</b>	<b>Description</b>
Protocols	SSH; IGMP; RTP; RTCP; SMTP; IPv4; IPv6; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTSP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; 802.1x; SNMP; QoS; SSL/TLS
Compatible Integration	API; ONVIF (Profile S, Profile G, Profile T); SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	TLS1.3; Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF
Client	UNV-Link; UNV-Link Pro; EZStation
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above; Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>Interface</b>	<b>Description</b>
Audio I/O	1/1
Alarm I/O	1/1
Built-in Mic	Support
Network	1 x RJ45 10M/100M Base-TX Ethernet
<b>Certification</b>	<b>Description</b>
EMC	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
<b>General</b>	<b>Description</b>
Power	DC12V(±25%) , PoE (IEEE 802.3af)

