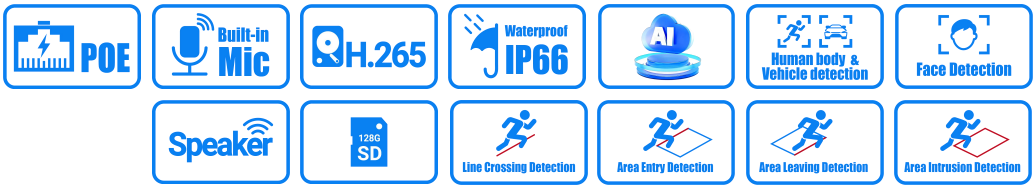
IPY-F1412DS2-AI



12 MP Face Detection VCA AI Human & Vehicle Detection
Two-way Audio PoE 360° Panoramic IP Camera



Features

- 1/2.3" Sony CMOS sensor
- HD resolution 4000 x 3000
- Face Detection,Human&Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Area Intrusion Detection
- Low illumination 0.01Lux
- Day/Night, AWB/MWB, 2D/3D-DNR
- WDR, Motion Detection, Privacy Mask, Image Mirror, ROI
- RTSP and Onvif 23.12 Compatible
- H.265/ H.264 Dual-stream Media Server
- Easy-to-use P2P Cloud Service
- Multi web browser, PC Client, Mobile APP, Remote access
- RJ45 100mbps Network Port, IEEE802.3af PoE
- Lightning Protection 4000V
- 18pcs SMD IR LEDs, IR Distance 10-20 meters
- HD 1.42 mm Wide-Angle fixed lens
- Two way Audio (With Internal Microphone & Speaker)
- With SD Card Slot/ Reset Button

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Specification

Camera	
Image Sensor	1/2.3" Sony IMX577 CMOS
Soc Chip	Sigmastar SSC359G
Effective Pixels	4000(H) × 3000 (V)
Exposure Shutter	AUTO/Manual: 1/10s ~ 1/50000s, Max Shutter speed adjustable
Day/Night	Auto(Active/passive/schedule)/Day/Night, switch threshold, sensitivity, anti-flicker(Auto/50Hz/60Hz)
Image Adjust	Brightness,Saturation,Sharpness,Contrast,Denoise (0-100%) adjustable
White Balance	AWB/MWB
WDR	NO
DNR	2D/3D DNR
Encode	
Video Standard	H.264/H.265/MJPEG
Video Resolution	Main Stream: 20fps@12MP(4000x3000)(default),25fps@8MP(3840x2160),30fps@6MP(3072x2048)/5MP(2592x1944)/4MP(2560x1440)/3MP(2304x1296)/1080P/720P Fish :25fps@9MP(3000x3000),25@4MP(2160X2160),30@4mp(1944X1944),30@(1440X1440),30@(1080*1080). Sub stream: 30fps@1280*720P,30fps@D1(704x576)(default)/(720x480)/VGA(640x480)/QVGA(640x360) Fish:30@(720X720),30@(570X576),30@(480X480) Third stream: 10fps@720P(default),30@D1(704x576)/(720x480)/VGA(640x480)/QVGA(640x360) -- (when third stream customized enabled, Face Detection and Perimeter protection will be disabled)
Video Bitrates	Main stream: 64kbps-12Mbps Sub/third stream: 64kbps-2048kbps VBR/CBR , quality(1-9), GOP(1-128)
Image Rotation	0 / 90 / 180 / 270 degree adjustable
Border Crop	X crop, Y crop
Image Mirror	horizon / vertical / horizon&vertical adjustable
OSD Overlay	Font size(1-4), position,Time, Title, AM/PM, Color, User OSD, Alarm OSD
Privacy Mask	4 areas
Region of Interest	ROI: Each stream support 8 areas
Audio Standard	G.711-u/G.711-a/AAC
Built-in Mic	Yes
Built-in Speaker	Yes; Two-way Audio

* Product specifications may change without prior notice.

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Specification

Live View Display on U Series AI NVR	
Mount Type	Support table, wall, and ceiling
Display Mode	Ceiling mount: fisheye view, 360 ° Panoramic+1PTZ, 180 ° Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360 ° Panoramic+6PTZ, Fisheye+8PTZ Wall mount: fisheye view, Panoramic, Panoramic+3PTZ, Panoramic+4PTZ, Panoramic+8PTZ Table mount: fisheye view, 360 ° Panoramic+1PTZ, 180 ° Panoramic, Fisheye+3PTZ, Fisheye+4PTZ, 360 ° Panoramic+6PTZ, Fisheye+8PTZ
Led	
Light	18pcs SMD IR LEDs
IR Distance	10-20M
Lens	
Focal length	1.42mm wide angle
FOV	360 °
IRIS	F1.6
Language	
English, simplified Chinese, Chinese Traditional, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc.	
Smart Detection	
Motion Detection	Yes
Human Vehicle Detection	support
Cross Line Detection	support
Perimeter protection	support
Face Detection	support
Target Detection Type	Human Shape, vehicle, non-motor vehicle, Pet, Face (12px-1000px)
Trigger Action Linkage	Snapshot, Record, Relay, Micro-SD, Email, FTP, NAS storage (optional)
Simultaneous Detection (Human Vehicle)	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger:Micro-SD(512G), Email, FTP, NAS
Network Services	
Protocol	HTTP(s)/RTSP/FTP/SMTP/DHCP/NTP/DST/RTP/RTMP/P2P/HiK/IPv4/IPv6/NFS/DDNS
IP Address Filtering	Yes (Allow list, Deny list)
P2P Mobile APP	Android, IOS
Web Access	IE, Firefox, Chrome, Edge, Safari, etc. (Windows/Linux/Mac/Chromebook/Tablet/Mobile phone)
PC Tool	Windows, Mac
ONVIF	23.12 compatible (Profile S G T M)
General	
Network Port	1-RJ45, 100Mbps, POE(IEEE802.3af)
Power Supply	12 VDC ± 10%
Power Consumption	< 8 W
Operating Temp.	-20℃-(+60)℃, 10%-90%RH
Net Weight	0.28KG
Dimension	Base Diameter: 134mm; Height: 47mm

* Product specifications may change without prior notice.

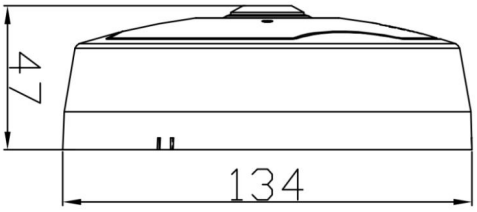
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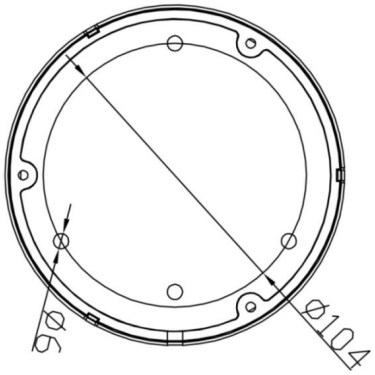
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Available Model

IPY-F1412DS2-AI

Dimension





Accessory

Optional

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