



IPY-D298LDS2

8MP Face Detection VCA AI Human & Vehicle Detection
Dual Light Two-way Audio PoE Dome IP Camera



■ Features

- 1/2.7" CMOS Sensor
- 8MP HD Resolution Output
- Face Detection, Human & Vehicle Detection, Line Crossing, Area Entry/Leaving Detection, Area Intrusion Detection
- Low illumination 0.01Lux
- Day/ Night (ICR), AWR, 2D/3D-DNR, IR-CUT
- Motion Detection, Privacy Mask, Flip
- RTSP and Onvif 2.3.1.2 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
- Strong Water-proof Housing, IP66 and IK10 vandalproof
- 2pcs IR LEDs & Warm Light, Light Distance: 10-15M
- Warm Light on and Colorful Imaging When Detect Human Body or Vehicle
- 2.8mm F1.6 Fixed Lens



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■ Specification**Camera**

Image Sensor	1/2.7" 8MP GC8613 CMOS
Soc Chip	Sigmastar SSC378DE
Effective Pixels	3840(H)×2160 (V)
Exposure Shutter	AUTO/Manual: 1/10s ~ 1/8000s, 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
Light Mode	Smart(dual-light) / IR / White light, adjustable
Light Control	Auto/Manual, Brightness level (0-100%) adjustable
DNR	2D/3D DNR

Encode

Video Standard	H.264/H.265
Video Resolution	Main Stream: 20fps@8MP(3840x2160)(default),30fps@6MP(3072x2048)/5MP(2592x1944)/4MP(2560x1440)/3MP(2304x1296)/1080P/720P Sub stream: 10fps@720P,30fps@D1(704x576)(default)/(720x480)/VGA(640x480)/QVGA(640x360)
Video Bitrates	Main stream: 64kbps-8Mbps Sub stream: 64kbps-2048kbps VBR/CBR , quality(1-9), GOP(1-128)
Image Snapshot	Sub Stream(SD) snapshot
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

Led

IR Led	2pcs
White Led	2pcs
Distance	10-15m

* Product specifications may change without prior notice.





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■ Specification

Lens	
Focal length	F1.6 2.8 mm fixed
Language	
English, simplified Chinese, Chinese Traditional, Japanese, Korean, German, Polish, Italian, Turkish, Ukraine, Russian, etc.	
Smart Detection	
Motion Detection	Yes
Digital IO Alarm	NO
Human Vehicle Detection	Yes, (2-20 meters)
Cross Line Detection	Yes, 4 lines
Perimeter protection	Yes, 4 areas
Face Detection	Yes, (1-5 meters)
Target Detection Type	Human Shape, vehicle, non-motor vehicle, Pet, Face (12px-1000px)
Trigger Action Linkage	Snapshot, Record, Relay(Red-blue Led flash) optional, White LED Flash, Voice siren, Micro-SD, Email, FTP, NAS storage (NFS)
Simultaneous Detection	Maximum 16 targets simultaneous detection
Storage Type	Schedule/Trigger: Micro-SD(512G) , Email, FTP, NAS(NFS)
Reset Button	Yes (with reset voice)
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 $\pm$ 10%
Power Consumption	< 8 W
Operating Temp.	-20°C-(+60)°C, 10%-90%RH
Weight	0.4KG
Dimension	Base Plate Diameter:120MM; Height: 69.54MM

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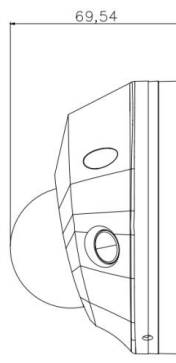
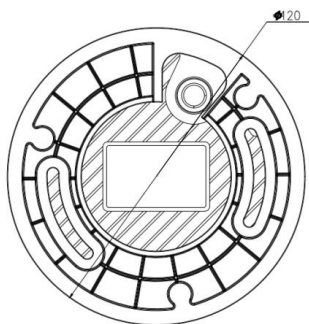
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■ Available Model

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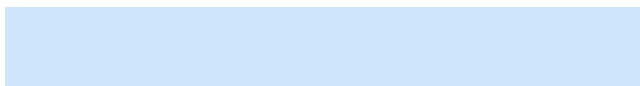
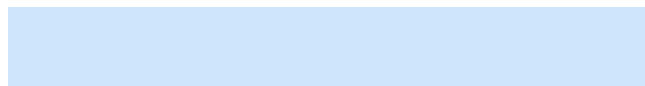
IPY-D298LDS2

■ Dimension



■ Accessory

■ Optional



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