



IPY-P2T16LDS2

**16MP Face Detection VCA AI Human & Vehicle Detection
Dual Light Two-way Audio PoE Panoramic IP Camera**



■ Features

- 1/2.9" CMOS sensor
- 16MP wide-view resolution 7680(H)×2160 (V)
- 180 °wide-angle
- Low illumination 0.01Lux
- Day/Night, AWB/MWB, BLC, HLC, 2D/3D-DNR, Shutter,
- D-WDR, Mirror , Defogging
- Multiply Style OSD Overlay, Motion Detection, Privacy Mask
- RTSP and Onvif 17.06 compatible with many third-party NVR
- H.264/H.265 dual-stream media server
- Easy-to-use P2P Cloud service
- Support user authentication, video data encryption
- Support Alarm Snapshot to Email and FTP
- Multiply WEB browser IE, Firefox 32bit ESR, PC Client, Mobile APP remote access
- RJ45 100mbps network port, IEEE802.3af PoE
- Lightning protection 4000V
- Strong water-proof housing, IP66
- 2 pcs Warm light + 2 pcs IR led distance 20-30 meters
- F1.6 3.6 mm fixed lens
- Built-in Mic and speaker two-way audio



**IPY-P2T16LDS2**16MP Face Detection VCA AI Human & Vehicle Detection
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Image Sensor	1/2.7" 8MP GALAXYCORE GC8613 CMOS x2
Soc Chip	Sigmastar SSC379G
Effective Pixels	7680(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/MJPEG Main Stream: 20fps@16MP(7680x2160)(default)/1920x1080P
Video Resolution	Sub stream: 20fps@1024x480(default)/768x360 (*Note:MJPEG max 1080P) Main stream: 64kbps-12Mbps
Video Bitrates	Sub stream: 64kbps-2Mbps VBR/CBR , quality(1-9), GOP(1-128)
Image Snapshot	Main stream(HD)/Sub Stream(SD) snapshot
Image Rotation	No
Border Crop	No
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, AEC
Built-in Mic	Yes
Built-in Speaker	Yes
Stitch Distance adjust	1 - 50000mm adjustable

Led

IR Led	2 pcs IR&warm-light Led * 2
White Led	2 pcs IR&warm-light Led * 2
Distance	20-30 M

* Product specifications may change without prior notice.



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■ Specification

Lens	
Focal length	F1.6 2.8mm fixed
FOV	H:180°
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 ± 10%
Power Consumption	< 12 W
Operating Temp.	-20°C-(+60)°C, 10%-90%RH

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IPY-P2T16LDS2

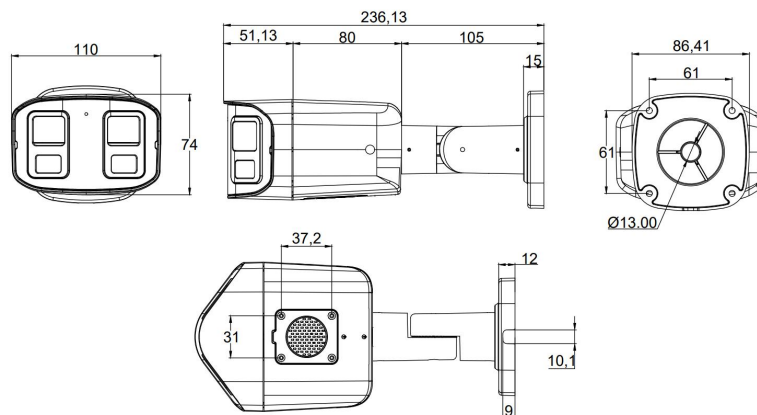
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■ Available Model

IPY-P2T4LDS2 IPY-P2T16LDS2

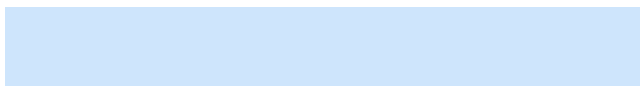
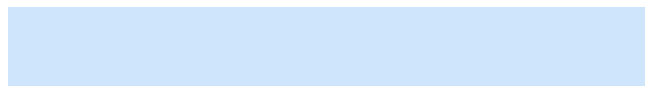
IPY-P2T8LDS2

■ Dimension



■ Accessory

■ Optional



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