

IPC-XMF-901



Smart265



Onvif



Slink



HD



Smart Detection



Amplifier



WDR



Network



Low-Illumination Human Detection



Introduction:

Intelligent human detection network module, S265, H.265, H.264 video encoding. Adopt T32 master control with built-in intelligent human tracking and capturing algorithm, support human detection in complex environment; detection capability: 3 frames per second, detect 5-10 people at the same time, support five major intelligence (area intrusion, cross-border detection, personnel stay, personnel leaving the post, vehicle illegal parking); main code stream resolution 5MP (2880*1620), support digital wide dynamic, high frame rate. Support two-way voice intercom, support human and vehicle detection, sound and light alarm and picture frame, 3D digital noise reduction technology. Support multiple lighting modes: infrared hard cut, infrared soft cut, warm light, dual light source, custom time period switching.

Features:

- Supports maximum resolution 5MP 25 frames;
- Support sub-stream resolution D1 (720*576)\VGA (640*480)\Q720P (640*360)\864*480;
- Supports five intelligent events: area intrusion, cross-border detection, personnel stay, personnel leaving the post, and vehicle illegal parking;
- Built-in human detection algorithm, which is an independent system and can independently complete human recognition;
- Human detection frame rate 3 FPS, detect 5-10 people at the same time;
- S.265 highly efficient compression saves bandwidth and storage space;
- Support Smart IR to prevent infrared overexposure at night;
- ICR infrared filter type automatic switching, realizing true day and night monitoring;
- Support DC 12V/POE 48V:IEEE802.3AF/AT;
- Support 3D digital noise reduction, support digital wide dynamic;
- Support automatic electronic shutter function to adapt to different monitoring environments;
- Support alarm recording linkage;
- Support built-in amplifier;
- Support two-way voice intercom;
- Support standard Onvif access;
- Support HTTPS encrypted transmission;

Specification:

Model No.	IPC-XMF-901
Main control chip	T32
Image Sensor	1/2.7", 5MP progressive scan low illumination COMS
Lenses	Built-in Starlight 3.6mm Fixed Lens
Day and night mode	ICR switch: automatic/color/black and white/external trigger/custom time
IR Led	5:36pcs IR Led,IR Distance 30 Meters
3D Noise Reduction	Off/Low/Medium/High/High
Defog	Close/Open
Mirror	Off/Horizontal Mirror/Vertical Mirror/180°Rotate
Night Vision Frame Rate Drop	On/Off
Light collection strategy	No light/Human figure light/License plate light
Exposure Control	Strong light suppression/backlight compensation, shutter priority/gain priority
Wide dynamic range	Support digital wide dynamic
Image Settings	Brightness, contrast, sharpness, saturation, hue
Common events	
Motion Detection	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b. Support full screen/area detection; c. Linkage settings support: light alarm\sound alarm;
Masking alarm	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b, supports 1 detection area; c. Linkage settings support: light alarm\sound alarm;
Privacy Masking	a, support 4 area masking
Smart Events	
Area Invasion	a,1) Support all-day/nighttime arming mode;

	2) Supports custom configuration of deployment time by week, 4 time periods per day; b. Supports 1 detection area, and can draw a polygonal detection area (consisting of six points); c. Support video stream overlay detection frame; d. Supports detection of specified target types: people, cars (electric vehicles can also be detected); e. Linkage settings support: light alarm\sound alarm;
Cross-border detection	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b, supports 1 detection line, and the detection line supports A->B detection direction; c, the target detection type is people or cars (electric vehicles can also be detected); d. Support video stream overlay detection frame; e. Linkage settings support: light alarm\sound alarm;
Staff stay	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b. Supports 1 detection area, and can draw a polygonal detection area (consisting of six points); c, support setting the stay time [10, 3600] seconds; d. Support video stream overlay detection frame; e. Linkage settings support: light alarm\sound alarm;
Staff leaving the job	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b. Supports 1 detection area, and can draw a polygonal detection area (consisting of six points); c. Support setting the off-duty time [10, 3600] seconds; d. Support a minimum of 1-3 people on duty; e. Support video stream overlay detection frame; f. Linkage settings support: light alarm\sound alarm;
Illegal parking	a,1) Support all-day/nighttime arming mode; 2) Supports custom configuration of deployment time by week, 4 time periods per day; b. Supports 1 detection area, and can draw a polygonal detection area (consisting of six points); c. Support setting illegal parking time [10, 3600] seconds; d. Support video stream overlay detection frame; e. Linkage settings support: light alarm\sound alarm;
Audio and video encoding	

Video Standards	Coding	H.265/H.264 / S265
Main stream		Main stream: PAL 2MP 1920*1080@ 25 frames/3MP 2304*1296@25 frames/4MP 2560x1440@25 frames/5MP 2880*1620@ 25 frames; N-system 2MP 1920*1080@24 frames/3MP 2304*1296@24 frames/2560x1440@ 24 frames/5MP 2880*1620@24 frames;
Sub Stream		Sub-stream: PAL D1 @25 frames/VGA @25 frames/Q720P @25 frames/864*480@25 frames; N-system D1 @ 24 frames/VGA @ 24 frames/Q720P @ 24 frames/864*480@ 24 frames;
Video bitrate		Fixed bit rate/variable bit rate
Video Type		Composite stream / video stream
Audio Standards	Coding	G.711u/G.711A 8K 64bit, Support sound monitoring and two-way voice intercom;
Network Features		
Network Protocol		TCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP
Interface Protocol		Onvif protocol
Number of videos to preview simultaneously		2
Safe Mode		Authorized username and password, HTTPS encryption, RTSP verification
Motion Detection		Set the detection area and set multiple levels of sensitivity
Blockage alarm		Supports 1 locale
Privacy Masking		Support 4 area occlusion blocks
Event linkage		Upload Email Arming time supports all-day arming/night arming/custom arming;
Device anomaly detection		Support network disconnection, IP conflict, illegal access alarm
Character overlay (OSD)		Support time OSD/title OSD, The main code stream font supports 12-60pt, and the sub-code rate font supports 12-18pt;
interface		
Network Interface		RJ45 10M/100M network adaptive
Audio		MIC input, line in/line out
Amplifier		Built-in amplifier
conventional		

Power Supply	DC 12V/POE 48V:IEEE802.3AF/AT
Package Size	190*100*100mm
Operating temperature	-10°C ~ 50°C
Operating humidity	0 % ~ 80 %