

IPC-DNK-901



Smart265



Onvif



Slink



8MP



Motion Detect



APP



D-WDR



Network



Illumination



Smart Analysis

Introduction:

AI Smart Analysis IP module, S265. H.265/H.264 compression format, to adopt T41NQ chip with embedded human tracking capture algorithm, support to detect 5-10 person at the same time under complicated environment, support human and vehicle detection voice light alert and draw frame for appointed area to alarm, support six smart analysis function (Area Intrusion, Line-Crossing Detection, Loitering, absent alarm, Vehicle illegal Parking, Vehicle retrograde), max 8MP (3840x2160), built-in amplifier board, support two-way audio Intercom and voice light broadcast, D-WDR, 3D DNR, support 4 kinds of lights mode: dual light, warm Light, Infrared CDS or Sensor Trigger, support Onvif,

Features:

- Max support 8MP 3840*2160@25fps, built-in amplifier board;
- Support area Intrusion, Line-Crossing detection, loitering, absent alarm, vehicle illegal parking, Vehicle retrograde;
- Built-in human detection algorithm;
- Detection frame 5fps, detect 5-10 people at the same time;
- Low consumption, low code stream, low delay;
- S.265 compression format, save bandwidth and storage space;
- Support Smart IR to avoid Infrared over-exposure at night;
- Support ICR auto switch, achieve best result for D&N video;
- Support DC 12V/POE 48V:IEEE802.3AF/AT;
- Support 3D DNR and digital WDR;
- Support auto-electronic shuttle to suit different surveillance environment;
- Support Alarm Recording Linkage;
- Support two-way audio intercom;
- Support HTTPS encrypted transmission;
- Support Onvif, email, NTP service;
- Change the password during initial use to ensure the security of the password;

Specification:

Camera	
Model	IPC-DNK-901
Chipset	T41NQ
Sensor	1/2.66", 8MP low illumination CMOS sensor
Lens	Built-in Starlight 3.6mm Fixed Lens
D&N	ICR switch, auto/color/B&W/CDS trigger/ customized time
D-WDR	Support
IR Led	5:36pcs IR Led, IR Distance 30 Meters
3D DNR	Off/Low/Middle/High/Higher
Defog	Off/Low/Middle/High
Mirror	Off/horizontal mirror/vertical mirror/180° flip

Image Setting	Brightness,contrast,sharpness,saturation,chroma
Normal Events	
Motion Detection	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support full screen / area detection; c , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Occlusion Alarm	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection area; c , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Privacy Mask	a , Support 4 areas
Intelligent Events	
Area Intrusion	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points); c , Support video stream overlay detection frame; d , Support specified target type detection: human, motor vehicle (non motor vehicle also can be detected); e , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Line-Cross Detection	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection line, supports detection directions: A->B: ; c , Support video stream overlay detection frame; d , Support specified target type detection: human, motor vehicle (non motor vehicle also can be detected); e , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Loitering	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points); c , Support video stream overlay detection frame; d , Support Loitering time setting[10-3600]S; e , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Absent Alarm	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points); c , Support video stream overlay detection frame; d , Support absent time setting[10-3600]S; e , Support at least 1-3 people on duty; f , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light
Vehicle illegal Parking	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , Support one detection area, and can draw a multi deformation detection area (Detection area is consist of six points);

	c , Support video stream overlay detection frame; d , Support illegal parking time setting[10-3600]S; e , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Vehicle Retrograde	a , 1) Support day arming /night arming mode; 2) Support to configure the customized arm time by week, with 4 time periods per day; b , supports one detection areas, and can draw a multi deformation detection area (Detection area is consist of four points); c , Support video stream overlay detection frame; d , Supports Four detection directions, Detection line support B->A direction e , Linkage setting support: upload mail \ voice broadcast alarm \ alarm light;
Audio & Video Encoding	
Standard	S265 / H.265/ H.264
Encoding Feature	Main Stream: PAL(25FPS): 8MP(3840*2160),5MP(2592*1904), 4MP(2560*1440),3MP(2304*1296),2MP(1920*1080); NTSC(30FPS):8MP(3072*2048),5MP(2592*1904) 4MP(2560*1440),3MP(2304*1296),2MP(1920*1080); Sub-Stream: PAL(25FPS):D1(720*576),VGA(640*480),Q720P(640*360); NTSC(30FPS):D1(720*576),VGA(640*480),Q720P(640*360);
Max Resolution	8MP/4K(3840*2160)
Video Code Rate	Fixed code rate,variable code rate
Video Type	Composited stream/video stream
Audio Standard	G.711u/G.711A 8K 64bit
Network Function	
Network protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, PPPoE, HTTP、HTTPS、RTSP、RTMP、DDNS、UPNP、FTP
Connection Protocol	Onvif/I8H/HIK Protocol /TST Protocol
Security Mode	Authorized user name and password, HTTPS encryption, AES connecting encryption, RTSP verification
Motion Detection	Set detection area, can set multi-level sensitivity
Occlusion Alarm	Support 1 area
Privacy Mask	Support 4 areas
Schedule Linkage	Upload Email/ FTP upload picture Arming time support day arming/ night arming /customized arming
Device Abnormal Inspection	Support disconnection alarm, IP conflict alarm, illegal access alarm
Character Overlay (OSD)	Support time OSD/Title OSD, multi-line OSD (two lines) Main stream font support 12-60pt,sub stream font support 12-36pt,
Port	
Network Port	RJ45 10M/100M network self-adaptation
Audio	MIC Input/ Output
Amplifier	Built-in Amplifier
General	

Power Supply	DC 12V/POE 48V:IEEE802.3AF/AT
Package Size	190*100*100mm
Working Temperature	-10°C ~ 50°C
Working Humidity	0 % ~90 %
NVR configuration	
App	Support SeeEasy/Support IMS lite/Suport NVR;