HC-IPC-T4214-0360G

Product Features

≥ 4MP (2688 × 1520) @30fps

≥ Support H265+/H264+/H265/H264/MJPEG coding

≥ ICR auto switch, true day/night

≥ Motorized lens

≥ 3D DNR, WDR, HLC, BLC and ROI coding

≥ Built-in micro SD card slot, up to 256GB

≥ DC12V/AC24V/PoE power supply

≥ Support three streams

≥ Support mobile surveillance by smart phones with iOS and Android OS

≥ Support license plate detection and recognition

≥ Support P2P function

≥ Support dual-system backup

≥ IP67

An ISO 9001:2008 Certified Company

Specifications :

CAMERA

Image Sensor	1 / 1.8" CMOS
Image Size	2688 × 1520
Electronic Shutter	Manual or auto; manual: 1 / 1 s ~ 1 / 100000s
Iris Type	Dc Iris
Min. Illumination	0.001 lux@F1.6, AGC ON; 0 lux with iR
Lens	8~32mm@F1.6, motorized
Field of View	Horizontal: 42°~16°; Vertical: 24°~ 9°; Diagonal: 49°~18°
Lens Mount	Integrated
Recommended ANPR Distance	16~48m
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°

VIDEO

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264
	Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
	Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline profile, Main Profile, High Profile
Resolution	4MP (2688×1520), 2K (2560 ×1440), 3MP (2304 ×1296), 1080P (1920 ×1080), 720P (1280 ×720), D1, CIF
Main Stream	4MP/2K/3MP/1080P (60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)
	HFR Mode: 1080P (60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF (60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)

Third Stream	D1/CIF (60Hz: 1 ~ 30fps; 50Hz: 1 ~ 25fps)
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Vertically flip, Horizontally flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

INTERFACES

Network	RJ 45 10M/100M self-adaptive Ethernet port
Video Output	CVBS output (BNC× 1)
Audio	1CH audio input; 1CH audio output;
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
RS 485	Yes
Wiegand	Yes (26bit)

FUNCTIONS

Remote Monitoring	Web Browser/NVR/mobile APP
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST,802.1x, UPnP, HTTP, P2P, QoS
Interface Protocol	ONVIF
API	Yes
SDK	Yes

Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection, audio alarm
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
General Function	Watermark, video mask, heartbeat, ANR, cloud upgrade
PoE	Yes, IEEE802.3af
IR Distance	70~100m
Protection Grade	IP67

LICENSE PLATE DETECTION

Snapshot	Original image (4MP resolution) and license plate image
Vehicle Plate Database	10,000
License Plate Detection & Recognition	Capture of vehicles with license plates and vehicles without license plate, Support plate exposure, travel direction recognition, plate character fault tolerance, plate comparison, snapshot time display Vehicle feature extraction: including vehicle color, plate color, vehicle type, vehicle brand/model, etc.
Capture Speed Range	0~120km/h

ENTRANCE AND EXIT

Barrier Gate Control Mode	Camera or Platform control
Relay Output	1-ch relay output, supporting opening/closing/suspending of a barrier gate
Screen Display	Support connecting a screen through RS485 interface to display captured license plates

PLATE CAPTURE

Capture Rate	In the recommended installation and lighting condition, the vehicle capture rate: ≥ 99%
LPR Accuracy Rate	Entrance & Exit: ≥ 99%; Road: ≥ 98% (Under recommended installation and lighting condition)

GENERAL

Power Supply	DC12V/AC24V/PoE
Power Consumption	DC12V: < 12W; AC24V: <10W PoE: 10W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65 °C (-22°F~149°F); Humidity: less than 95 % (non-condensing)
Dimensions (mm)	278.3 × 100.2 × 88.7
Weight (net)	Approx. 1.176KG