

ANPR (Video+Automatic Number Plate Recognition) x12 HD IP CAMERA NEW KAS-H2012VHAIR



| Features

- **Using Ultra-Low Light sensor**

With 2M 1/1.9" CMOS image sensor, you can check High image quality and clear color images in dim light environment. It also has the ability to powerful low noise effect and outstanding noise reduction.

- **Powerful zoom capability**

x12 optical zoom, x12 digital zoom, excellent automatic focusig, and 7.0 ~ 84mm focus range. Especially, since the aperture is F1.5~F1.9, it is possible to acquire better quality image than any other camera.

- **Triple codec, Simultaneous multi steaming**

It is possible to combine seamless remote video monitoring using H.264/H.265 with simultaneous transmission to Network Video Recorder.

- **Car plate number recognition Maximum speed**

Day/night license plate identification is possible for more than 120km/h.

- **Built-in Fan/Heater and Water/Weather Proof Design**

A cooling fan is included as standard, and a defrost heater is built into the windshield. With wiper, it supports IP67 dust / waterproof grade, and without wiper, it can support up to IP68 rating and is designed to withstand harsh environments, and the wiper is optional.

- **Water Tank (Option)**

A dedicated water tank can be installed to remove the front glass dust. It can be used efficiently in harsh environments such as tunnels. Tank capacity is 10 liters.

- **VAIR LEDs(Zoom Integrated)**

Equipped with 48W 850nm IR LED and variable lens. It can be set by adjusting the light intensity, brightness, distance, etc. according to the environment, and the IR LED distance is up to 350M or more.

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Camera

Image Device	1/1.9" Progressive Scan CMOS
Effective Pixels	Approx. 2.38 Mega pixels
Aspect Ratio	HD: 16:9 SD: 4:3
Zoom Ratio	Optical x12, Digital x12
Focal Length	f = 7.0 ~ 84.0mm, F1.5 ~ F1.9
Horizontal angle	51.1°(W) ~ 5°(T)
MIN. Illumination	COLOR : 0.005 Lux@F1.5 B/W : 0.0005 Lux@F1.5, 0 Lux (IR)
Day & Night	Auto(CDS/CAM) / Day / Night(ICR)
Focus	Auto/Manual
DNR(2D/3D)	OFF/Level Adjustment(1~5)
Shutter Speed	1 sec ~ 1/10,000sec(60/30 mode) 1 sec ~ 1/10,000sec(50/25 mode)
AGC	Auto/Manual
White Balance	Auto/Indoor/Outdoor/Manual
WDR/BLC	OFF/BLC/WDR(Digital)
Other Function	Defog(Digital), HLC, Dynamic slow shutter

General

Sensor In /Out	Built-in 1 Input / 1 Output(Relay)
Audio In / Out	1 Audio In / 1 Audio Out
Video Out	BNC: VBS 1.0 Vp-p
IR distance	More than 350M , Control IR Angle Wave: 850nm, Power : 48W
Power	AC24V 110W
Approvals*	IK10, KC, IP67
Housing	Weather proof / Vandal Proof Structure
Material	Body : Aluminum Die-casting
Dimension	Net: 417 x 241 mm
Weight	Net: 3.9Kg, Package: 4.5Kg
Operating Temp.	-40°C ~ 50°C

Network

Ethernet	10Base-T/100Base-Tx	
Video Compression	H.265/H.264/MJPEG	
Video Stream	Main	1080p/720p
	Second	D1/CIF/QCIF
	Third	1080p/720p/D1/CIF/QCIF
Stream Type	Video/Complex(Video/Audio) Stream	
Frame Rate	Max. 30 /25 fps for 1080P/720P/D1/ CIF/QCIF	
Bitrate	30Kbps ~ 16Mbps. Supports CBR/VBR/ FIX QP	
Audio Compression	Two way, G.711 A-law, G.711 μ -law, 128kbps, sampling rate 8kHz	
Local Storage	Micro SD/SDHC/SDXC card. Support up to 128GB	
IVA	Motion Detection, Occlusion Detection, Line Crossing*, Region entrance/exiting*, Intrusion*, Tampering*, etc	
Alarm actions	Email, Micro SD/SDCH/SDXC Record, Relay Output, Snapshot, Notification of Client	
Alarm	Pre-Post Alarm	
Max No. of Clients	10 users(Depending on user bandwidth)	
Web Brower	IE 6.0 above	
Protocols Support	IPv4	IPv4/IPv6*, TCP/IP, UDP, RTP, RTSP, RTMP, NTP, HTTP, HTTPS*, SSL*, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMP*
	DDNS	Public DDNS services Support: www.dyndns.com
	ONVIF	PROFILE S
	Security	User Authentication(ID/PW), IP Address/ Mac Address filtering*

Dimension

