Feature

- H.264 HP/MP/BP, M-JPEG, JPEG Compression
- Full HD 1080P/960P/720P@30FPS
- Manual VF 2.8-12mm Lens, F1.2
- 18 Leds, up to 20 meters IR range
- Audio in/out
- Support True D/N, 3D-DNR, DWDR and BLC, Region of Interest
- ONVIF2.4, CGI & SDK
- IP66 waterproof
- POE: IEEE 802.3af

Model No.	QH-NV431DS-P
CAMERA	
Sensor/DSP	1/2.8" Exmor CMOS
Day/Night	ICR
Min. Illumination	0.01lux @F1.2, AGC on, 0 lux with IR on
Lens	2.8-12mm VF Lens
IR LED	18Leds
IR Distance	3-20m
Electronic Shutter	1/20~1/30000s
VIDEO	
Compression	H.264/M-JPEG
Max. Image Resolution	1920x1080
Frame Rate	30fps @1080P
Bit Rate	Main Stream: 1000~12000kbps, Sub Stream: 512~2048kbps
AUDIO	
Compression	G.711
Talkback	YES
NETWORKING	
Protocol	TCP/IP, UDP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, FTP, UPNP, NTP
Compliance	ONVIF V2.4 (1.02 backward compatible) CGI
PC Client and Browser	ISS, IE6.0 and above, Google Chrome, Mozilla Firefox, Mac Safari
Mobile Phone	iPhone, iPad, Android
WIFI	NA
WIFI Encryption	NA
3G Network	NA

INTERFACE	
Video Output	NA
Audio Input	1 CH 3.5mm audio interface, MIC IN/LINE IN
Audio Output	1 CH 3.5mm audio interface
Alarm Input	NA
Alarm Output	NA
LAN	1 RJ45 10M / 100M ethernet port
RS-485	/
Storage Interface	Built-in micro sd slot, up to 64GB
PIR	NA
Reset Button	NA
GENERAL	
Working Temperature	-10℃~ +50℃
Working Humidity	0% - 90%
Protection Level	VanProof
Power Supply	12 VDC ± 10%, PoE(802.3af)
Consumption	4.4W IR On, 2.8W IR Off
Dimension	154*154*116mm
Weight	1000g