



## Feature

- H.264 HP/MP/BP, M-JPEG, JPEG Compression
- Full HD 1080P/960P/720P @30FPS
- Manual VF 2.8-12mm Lens, F1.2
- 8 Led-Array, up to 40 meters IR range
- Audio in/out, Alarm in/out, CVBS
- Support True D/N, 3D-DNR, DWDR and BLC, Region of Interest
- ONVIF2.4, CGI & SDK
- IP67 waterproof
- POE: IEEE 802.3af

Model No.	QH-NW451DS-P
<b>CAMERA</b>	
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	8 LED-Array
IR Distance	5-40m
Electronic Shutter	1/20~1/30000s
<b>VIDEO</b>	
Compression	H.264/M-JPEG
Max. Image Resolution	1920x1080
Frame Rate	30fps @1080P
Bit Rate	Main Stream: 1000~12000kbps, Sub Stream: 512~2048kbps
<b>AUDIO</b>	
Compression	G.711
Talkback	YES
<b>NETWORKING</b>	
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

<b>INTERFACE</b>	
Video Output	1Vp-p composite output (75Ω /BNC)
Audio Input	1 CH 3.5mm audio interface, MIC IN/LINE IN
Audio Output	1 CH 3.5mm audio interface
Alarm Input	1
Alarm Output	1
LAN	1 RJ45 10M / 100M ethernet port
RS-485	/
Storage Interface	Built-in micro sd slot, up to 64GB
PIR	NA
Reset Button	NA
<b>GENERAL</b>	
Working Temperature	-10°C~ +50°C without heater
Working Humidity	0% - 90%
Protection Level	IP67
Power Supply	12 VDC ± 10%, PoE(802.3af)
Consumption	6.5W IR On, 2.8W IR Off
Dimension	185*88*86mm
Weight	1300g