WISENET Q series

QRN-420S

4CH 8MP NVR with PoE switch

Benefits

- Plug and play, easy installation
- Event record and search
- HDMI output for video display
- Dual track recording can record high resolution stream and VGA stream at the same time, reducing video delay
- Support independent display. User can set different Split view mode
- Easily connect to NVR from anywhere with your smartphone through Wisenet Mobile Application

Key Features

- Up to 4CH 8MP resolution
- H.265, H.264, MJPEG codec
- WiseStream support
- USB keyboard supported
- Support SUNAPI and ONVIF Profile
- 40Mbps network camera recording
- Plug & play by 4 PoE port
- Max. 1 HDD(Up to 6TB)
- HDMI, VGA output
- P2P service(QR code)

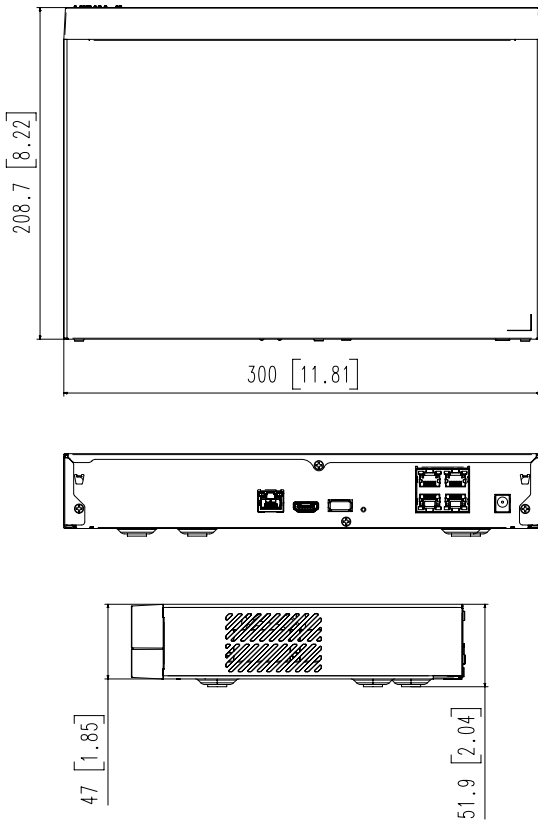| QRN-420S	
DISPLAY	
NETWORK CAMERA	
Inputs	Max. 4CH
Resolution	8MP ~ CIF
Protocols	Wisenet, ONVIF
DECODING	
Local Display	HDMI: 3840 x 2160, 1920x1080, 1280x720
Resolution	8MP(60fps), 5MP(90fps), 3MP(120fps), 2MP(120fps), 720p(120fps), D1(120fps)
PERFORMANCE	
RECORD	
Compression	H.265, H.264, MJPEG
Recording Bandwidth	Max. 40Mbps
Resolution	8MP ~ CIF
Mode	Normal, Schedule(Continuous/Event), Event (Pre/Post), Dual track Recording
Event Trigger	Alarm Input, Video Loss, Camera Event(Alarm, MD, Video Analytics, Defocus)
Event Action	e-Mail, PTZ Preset, Buzzer, Monitor Out
SEARCH & PLAY	
Playback Bandwidth	Max. 32Mbps(4CH simultaneously)
User	Max. 4 Users (Local 1, Remote 3)
Simultaneous playback	Max. 4CH(Local Monitor, Network)
Fisheye Dewarping	WEB / CMS / Mobile
STORAGE	
Supported HDD	Up to 6TB
HDD Slot	SATA 1ea(Max. 6TB)
BACKUP	
File backup	BU/Exe(GUI), JPG/AVI(Network)
Function	Multi channel(Upto 4CH) Play, Date-Time/Title display
NETWORK	
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client)
DDNS	Wisenet DDNS
AUDIO	
Input/Output	4CH(network)
Compression	G.711, G.726, AAC(16/48KHz)
Audio Communication	2-Way
Max Remote Users	Search(3), Live Unicast(10), Multicast(20)
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) Device Certificate(Hanwha Techwin Root CA)
Viewer Software	SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS

Hanwha Techwin

Dimensions

Unit:mm(inch)

208.7 [8.22]

300 [11.81]

47 [1.85]

51.9 [2.04]

QRN-420S	
FUNCTIONS	
CAMERA SETUP	
Item	IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup, Wisestream, Dynamic GOV/FPS, VA Setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSDR, DIS), Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage
PTZ	
Control	Via GUI, Webviewer
SMART PHONE	
Support Model	iOS, Android
Protocol Support	RTP, RTSP, HTTP, HTTPS, CGI(SUNAPI)
Control	Live(Multi-Profile Support), Playback
Max. Remote Users	Search(3), Live Unicast(10)
REDUNDANCY	
ARB	Support
Easy configuration	P2P(QR code)
INTERFACE	
HDMI	1EA
Ethernet	RJ-45(10/100BASE-T) x 1 RJ-45(PoE+) x 4
USB	2EA(Front 1, Rear 1)
SYSTEM	
System Control	Mouse, IR remocon, Web
Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai, Vietnamese
ENVIRONMENTAL	
Operating Temperature	0°C to +40°C(32°F to 104°F)
Operating Humidity	20% ~ 85% RH
ELECTRICAL	
Power Input	54VDC / 1.20A
Power Consumption	Max. 47W(1HDD, PoE on) Max. 7.4W(1HDD, PoE off)
PoE Budget	Max. 35W
MECHANICAL	
Color / Material	Black / Metal
Dimension (WxHxD)	W300.0 x H47.1 x D208.4 mm (11.8" x 1.85" x 8.2") (1U)
Weight	0.99Kg (2.18lb)

* The lastest product information / specification can be found at hanwha-security.com
* Design and specifications are subject to change without notice.
* Wisenet is the proprietary brand of Hanwha Techwin.

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