WISENET Q series



QRN-1620S

16CH 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
- · USB keyboard supported

Key Features

- Up to 16CH 8MP resolution
- · H.265, H.264, MJPEG codec
- · WiseStream support
- · Support SUNAPI and ONVIF Profile
- 128Mbps network camera recording
- · Dual track recording
- Plug & play by 16 PoE port
- Max. 2 HDDs (Up to 12TB)
- HDMI, VGA output
- P2P service(QR code)

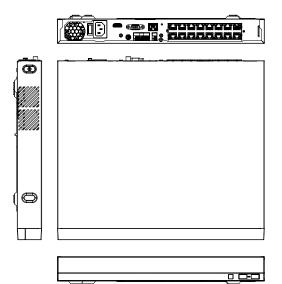
	QRN-1620S
DISPLAY	<u> </u>
NETWORK CAMERA	
Inputs	Max. 16CH
Resolution	8MP ~ CIF
Protocols	Wisenet, ONVIF
DECODING	
Local Display	[Dual Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720
Resolution	8MP(60fps), 5MP(90fps), 3MP(120fps), 2MP(240fps),,720p(480fps), D1(480fps)
PERFORMANCE	
RECORD	
Compression	H.265, H.264, MJPEG
Recording Bandwidth	Max. 128Mbps
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, Alarm Out, Buzzer, Monitor Out
SEARCH & PLAY	
Playback Bandwidth	Max. 32Mbps(16CH simultaneously)
User	Max. 4 Users (Local 1, Remote 3)
Simultaneous playback	Max. 16CH(Network) Max. 8CH(Local Monitor)
Fisheye Dewarping	WEB / CMS / Mobile
STORAGE	
Supported HDD	Up to 6TB
HDD Slot	SATA 2ea(Max. 12TB)
BACKUP	
File backup	BU/Exe(GUI), JPG/AVI(Network)
Function	Multi channel(Upto 8CH) 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	16CH(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



WISENET Q series

Dimensions

Unit:mm(inch)



Camera MD setup, Wisestream, Dynamic GOV/FPS, VA Setup Camera video setup (Simple focus, Brightness/Contrast, Flip/ Mirror, IRIS, WDR, DSM, 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 VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000/BASE-T) x 1 RJ-45(POE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 Temperature 0°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2 W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WXHXD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)		
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Paddress, 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	FUNCTIONS	
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, DSN, SSNR, Shutter, SSDR, DIS, Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage PTZ Control Via GUI, Webviewer SMART PHONE Support Model 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 INTERFACE HDMI 1EA VGA Audio Out(1EA, RCA, Line) Ethernet R-4-5(10/100/1000/BASE-T) x 1 R-4-5(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 OPerating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget MECHANICAL Colour / Material Dimension (WXHXD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)		
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SMART PHONE Support Model 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 VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	PTZ	
Support Model 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 VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Control	Via GUI, Webviewer
Protocol Support RTP, RTSP, HTTP, HTTPS, CGI(SUNAPI) Control Live(Multi-Profile Support), Playback Search(3), Live Unicast(10) REDUNDANCY ARB Support Easy configuration INTERFACE HDMI 1EA VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(PoE+) x 16 In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	SMART PHONE	
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 VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Support Model	iOS, Android
Max. Remote Users REDUNDANCY ARB Support Easy configuration P2P(QR code) INTERFACE HDMI 1EA VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Protocol Support	RTP, RTSP, HTTP, HTTPS, CGI(SUNAPI)
REDUNDANCY ARB Support Easy configuration P2P(QR code) INTERFACE HDMI 1EA VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Control	Live(Multi-Profile Support), Playback
ARB Support Easy configuration P2P(QR code) INTERFACE HDMI 1EA VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Max. Remote Users	Search(3), Live Unicast(10)
Easy configuration P2P(QR code) INTERFACE HDMI 1EA VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	REDUNDANCY	
INTERFACE HDMI VGA 1EA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	ARB	Support
HDMI VGA 1EA VGA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Easy configuration	P2P(QR code)
VGA Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	INTERFACE	
Audio Out(1EA, RCA, Line) Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WXHXD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	HDMI	1EA
Ethernet RJ-45(10/100/1000BASE-T) x 1 RJ-45(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WXHXD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	VGA	1EA
RJ-4S(PoE+) x 16 Alarm In 4EA, Out 2EA USB 2EA(Front 2) Power inlet AC 1EA 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Audio	Out(1EA, RCA, Line)
Power inlet AC 1EA SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) Black / Metal Dimension (WxHxD) MOUSE, IR remocon, Web Language English, French, German, Italian, Spanish, Russian, Turkish, Polish, PoE on 104°F) Mouse, IR remocon, Web Language English, French, German, Italian, Spanish, Russian, Turkish, Polish, PoE on 104°F) Mouse, IR remocon, Web Language English, French, German, Italian, Spanish, Russian, Turkish, Polish, Russian, Turkish, Polish, Poet on 104°F) Operating Humanian, Serbian, Creat, Portuguese, Danish, Russian, Turkish, Polish, Russian, Rus	Ethernet	,
Power inlet SYSTEM System Control 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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) Black / Metal Dimension (WxHxD) Mouse, IR remocon, Web Language AC 1EA SYSTEM Mouse, IR remocon, Web Language Language Language Language Language And Portuguese, Danish, Russian, Turkish, Polish, Poe anish, Russian, Turkish, Polish, Poe anish, Russian, Turkish, Polish, Poe anish, Russian, Turkish, Polish, Russian, Turkish, Russian, Turkish, Polish, Russian, Turkish, Russian, Turkish, Polish, Russian, Turkish, Polish, Russian, Turkish, Russian,	Alarm	In 4EA, Out 2EA
System Control 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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	USB	2EA(Front 2)
System Control Mouse, IR remocon, Web 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 O°C to +40°C(32°F to 104°F) 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Power inlet	AC 1EA
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 O°C to +40°C(32°F to 104°F) Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) Black / Metal W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	SYSTEM	
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 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	System Control	Mouse, IR remocon, Web
Operating Temperature O°C to +40°C(32°F to 104°F) 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) O°C to +40°C(32°F to 104°F) Aux 104°F) Max. 85% RH Max. 158.2W(2HDDs, PoE on) Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) Max. 130W MECHANICAL Colour / Material Black / Metal W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Language	Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean,
Operating Humidity 20% ~ 85% RH ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) 85% RH 100~240VAC±10% Max. 198.2W(2HDDs, PoE off) Max. 138.2W(2HDDs, PoE off) Max. 130W MECHANICAL Colour / Material W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	ENVIRONMENTAL	
ELECTRICAL Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Operating Temperature	0°C to +40°C(32°F to 104°F)
Power Input 100~240VAC±10% Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) Black / Metal W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Operating Humidity	20% ~ 85% RH
Power Consumption Max. 158.2W(2HDDs, PoE on) Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Dimension (WxHxD) Max. 130W Black / Metal W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	ELECTRICAL	
Max. 34.6W(2HDDs, PoE off) PoE Budget Max. 130W MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Power Input	100~240VAC±10%
MECHANICAL Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	Power Consumption	, , ,
Colour / Material Black / Metal Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	PoE Budget	Max. 130W
Dimension (WxHxD) W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)	MECHANICAL	
	Colour / Material	Black / Metal
Weight 2.79Kg (6.15lb)	Dimension (WxHxD)	W370.0 x H44.0 x D320 mm (14.57" x 1.73" x 12.6") (1U)
	Weight	2.79Kg (6.15lb)

^{*} 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.