

HRX-1635

16CH Pentabrid DVR



Key Features

- 5-in-1 16CH Pentabrid DVR
- AHD/HDTVI/HDCVI/CVBS/IP inputs
- Total 18CH(Analog Maximum 16CH and Network Maximum 18CH), up to 8MP
- H.265, H.264, MJPEG
- 8fps@8MP, 12fps@5MP, 15/12fps@4MP, 30/25fps@2MP recording
- Coaxial control
- Smart search(only Network camera)
- Up to 8 SATA HDDs(6TB/HDD)
- HDMI/VGA Dual monitor (Expand mode)
- P2P service(QR code connect)



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Specifications

Display		
Analog camera	Inputs	16CH(1Vp-p 75ohm, BNC)
	Signal Type	- AHD(8MP, 5MP, 4MP, 1080p, 720p) - HDTVI(8MP, 5MP, 4MP, 1080p, 720p) - HDCVI(8MP, 5MP, 4MP, 1080p, 720p) - NTSC/PAL
Network camera	Inputs	2CH (Up to 18CH)
	Resolution	8MP ~ CIF
	Protocols	SUNAPI(Wisenet), ONVIF
Live	Local Display	1x HDMI, 1x VGA (Dual monitor) HDMI: 3840 x 2160, 2560x1440, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080, 1280x1024, 1280x720, 1024x768
	Resolution	[Analog Camera(NTSC/PAL)] - 8MP(15/12fps), 5MP(20/12fps), 4MP(30/25fps), 2MP(30/25fps), 1MP(30/25fps), 960H(or 720H)(30/25fps) * per CH [Network Camera] - Typ. 2MP(480fps)
Performance		
Record	Compression	H.265, H.264, MJPEG
	Record Rate(Analog)	(Main Stream, NT/PAL) 8M 8/8fps, 5M 12/12fps, 4M 15/12fps, 2M 30/25fps, 720p 30/25fps, Under 960H 30/25fps/CH (Sub Stream) 720p/CH or Higher: 640x368 Full fps, SD: upto SD Full fps * The maximum recording frame rate depends on the frame rate of the input camera.
	Recording Bandwidth	Max. 128Mbps (HRX-1635)
	Resolution	8MP ~ CIF
	Mode	Normal, Dual Stream, Schedule(Continuous/Event), Event (Pre/Post), Bookmark
	Event Trigger	Alarm Input, Video Loss Analog Camera: Video Loss, Motion Detection, Tampering Network Camera: Camera Event(Sensor, MD, Video Analytics, Defocus, Audio), Dynamic Event, User Event
	Event Action	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out, FTP, SUNAPI Command, Shotdown
Search & Play	Playback Bandwidth	Max. 32Mbps (18CH simultaneously)
	User	Max. 4 users (Set 1, Remote 3)
	Simultaneous playback	18CH(Local Monitor),18Ch (CMS), 4Ch (Wisenet Mobile), 1Ch(Web)
	Fisheye Dewarping	CMS (only N/W Camera)
Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 8ea(Max. 48TB)
Backup	File backup	Set : Recorder, SEC, AVI Webviewer : AVI
	Function	Max. 16 CH play, Date-time/title display
unctions		
PTZ	Control	Via GUI, Webviewer, SSM, SmartViewer, Wisenet Mobile Viewer, System Controller
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	Control	Live(16ch) : Multi-Profile Support Playback(4Ch Multi Playback, Max 2MP) Event push





HOM 1EA	Redundancy	ARB	Support
Note	Easy configuration		Setup Wizard (Language Date/Time, Password, Network, Auto Camera Configuration), P2P (QR code)
ITA	Coaxial Control		CVBS(Pelco-C)/AHD/CVI/TVI
Marco	Interface		
Muse	НДМІ		1EA
Audio Out(15A, RCA, Line) Ethernet R.49(10/10/01/000/80-FT) Alarm In 14EA, Dut 4EA Selay Dut 1100/ROCCOMI Selay Dut 1100/ROCCOMI Setal@Protocolol 2EA(Front USB2.0. Rear USB 3.07) Setal@Protocolol 155-483/422 (Sansang*17/Ndco-D/Petco p) * for PTZ Setal@Protocolol 155-483/422 (Sansang*17/Ndco-D/Petco p) * for PTZ System System Control System Control Mouse, Webviewer, System Controller(SPC-7000, SPC-4000, SPC-4000) Language English, Perech, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Scribin, Grosther, Hungarian Grock, Horwegiun, Frinds, Korcan, Chinese, Apamese, Thai Environmental U.C. EPCC, KC, UKCA Electrical U.C. EPCC, KC, UKCA Electrical U.C. EPCC, KC, UKCA Electrical V.C. EPCC, KC, UKCA Electrical	VGA		1EA
### Provided Riversity Ri	BNC		16CH In / 1CH Out(Spot Output)
In 1664, Out 160,	Audio		Out(1EA, RCA, Line)
Serial/Protocols	Ethernet		RJ-45(10/100/1000BASE-T)
Serial/Protocols) RS-485/422 (Samsung-T/Pelco-D)Pelco-p) * for PTZ Power Inlet 1EA AC (A CLODV) System System Control Mouse, Webviewer, System Controller (SPC-7000, SPC-2000) 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 Environmental Operating Temperature O°C to +40°C(~32°F to +104°F) Operating Humidity 20% ~ 85% RH Certification UL CE FCC, KC, UKCA Electrical Power Input 100~240 VAC±10%, 50/60 Hz Power Consumption Max. 200W (6T HDD Rea) Mechanical Color/ Material Black / Metal Protocol Widthol Widthol 440 x 88 x 384.8mm(17.32" x 3.46" x 15.15") Weight Approx. 7.70Kg (17 lb. 4TB HDD 1ca) Protocol TCP/P, UDP//P, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PSPGE, SMTP, ICMP, ISMP, ASP, DNS, DDNS, QPR, HTTPS, SNNBp, ONNE (Profile-SL, SUNAP) (Server, Client) PSPGE, SMTP, ICMP, ISMP, ASP, DNS, DDNS, QPR, PS, DNS, DDNS, QPR, PS,	Alarm		- Relay Out1(NO/NC/COM)
Power inlet	USB		2EA(Front USB2.0, Rear USB 3.0))
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 Environmental Operating Temperature OPerating Temperature OPerating Humidity 20% - 85% RH Certification UL, CE, FCC, KC, UKCA Electrical Power Consumption Max. 200W (6T HDD Bea) Mechanical Color // Material Dimension (Wuhbd) 400 x 88 x 384.8mm (17.32" x 3.46" x 15.15") Weight Protocol TCP/JP, UDP/JP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, ISMP, ARP, DNS, DDNS, UPIn HTTP, SMDR, OWNF (Profiles-S), SUMAPI(Server, Client) Transmission speed Transmission speed Audio Max. 2004 (54 4 Line, Option : Audio Extension Cable) / Line line out Compression G711 (NWC ameria CT-)11. Zol Audio Communication Audio Commu	Serial(Protocols)		RS-485/422 (Samsung-T/Pelco-D/Pelco-p) * for PTZ
System Control Mouse, Webviewer, System Controller(SPC-7000, SPC-2000), SPC-2000) 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 Environmental Operating Hundidy 20% - 85% RH Certification UL CE FCC, KC, UKCA Electrical Power Input 100-240 VAC±10%, 50/60 Hz Power Consumption Max, 200W (6T HDD Bea) Mechanical Color / Material Dimension (WarhDD) 440 x 88 x 384.8mm(17.32" x 3.46" x 15.15") Weight Approx, 7.70Kg (17 lix, 4TB HDD 1ea) NetWork Protocol TCP/P, UDP/P, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnd TTPS, SMNP, DNNF (Frofiler-S), SUNAPI(Server, Client), PPPGE, SMTP,	Power inlet		1EA AC (AC100V)
English French German, Italian, Spanish, Russian, Turkish Polish, Dutch Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai Power Imput	System		
English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai Power	-		Mouse, Webviewer, System Controller(SPC-7000, SPC-6000, SPC-2000)
Operating Temperature O°C to +40°C(+32°F to +104°F) Operating Humidity 20% - 85% RH Certification UL CE, FCC, KC, UKCA Electrical Power Input 100-240 VAC±10%, 50/60 Hz Power Consumption Max. 200W (6T HDD 8ea) Mechanical Color / Material Black / Metal Dimension (WathOD) 440 x 88 x 384.8mm(17.32° x 3.46° x 15.15°) Weight Approx. 7.70Kg (13° Ib, 4TB HDD 1ea) NetWork Protocol TCP/IP, UDP/IP, PTP (UDP)/IP, PTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnef HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Wisenet DDNS Transmission speed -Analog Camera(NTSC/PAL) (Main Stream) 3MP 8/Bfps CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 2D 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 270 or higher: 460x36g full fps/CH, SD signal: upto CIF full fps/CH The maximum recording frame rate depends on the frame rate of the input camera. Transmission Bandwidth Max. 100Mbps Audio Communication 16 Liine in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression G.711 (N/W	Language		
Operating Humidity 20% - 85% RH Certification UL CE, FCC, KC, UKCA Electrical Fower Input 100-240 VAC±10%, 50/60 Hz Power formung Input Max. 200W (6T HDD 8ea) Mechanical Mechanical Color / Material Black / Metal Dimension (Wxhtx)D) 440 x 88 x 384.8mm (17.32" x 3.46" x 15.15") Meelpht Weight TCP/PL UDP/P. TTP (UDP). TTP (TCP). TTS.P. NTP, HTTP, DHCP (Server, Client), PPP0E, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnf HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Wisenet DDNS Transmission speed Analog Camera(NTSC/PAL) (Main Stream) 8MP 8/8fbg CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 220 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720 or higher: 640x368 full fps/CH, SD signal: upto CIF full fps/CH "The maximum recording frame rate depends on the frame rate of the input camera. Transmission Bandwidth Audio Communication 16/L line in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Corpression G.711 (N/W Camera G.711, 726) Audio Communication 2-Way Max Remote Users Security P address filtering, User access log, 802 1x Authentication, Encryption (ID/PW, Record	Environmental		
Certification	Operating Temperature		0°C to +40°C(+32°F to +104°F)
Electrical Power Input 100~240 VAC±10%, 50/60 Hz Power Consumption Max. 200W (6T HDD 8ea) Mechanical Color / Material Black / Metal Dimension (WorkhXD) 440 x 88 x 384.8mm(17.32" x 3.46" x 15.15") Weight Approx. 7.70Kg (17 lb. 4TB HDD 1ea) Network Protocol TCP/IP. UDP/IP. RTP (UDP). RTP. (TCP). RTSP. NTP. HTTP. DHCP (Server, Client). PPPoE. SMTP. ICMP, IGMP, ARP, DNS, DDNS, uPnf HTTPS, SNMP, ONVIF (Profile~S), SUNAPI(Server, Client) DDNS Wisenet DDNS Wisenet DDNS Transmission speed (Main Stream) 8MP 8/8/fps CH. 5M 12/12/fps CH. 2M 30/25/fps CH. 720p 30/25/fps/CH. SD 30/25/fps/CH (Sub Stream) 270p or highe: :640x368 hull fps/CH, 5D signal: upto CIF full fps/CH. Transmission Bandwidth Max. 100Mbps Audio Input/Output 16 Lline in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression G.711 (N/W Camera 6.711. 726) Audio Communication 2-Way Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security Paddress (Hiter, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hamwhat Techwin Root CA) Viewer Software SSM. Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer			20% ~ 85% RH
Power Consumption	Certification		UL, CE, FCC, KC, UKCA
Power Consumption Max. 200W (6T HDD 8ea) Mechanical Color / Material Black / Metal Dimension (WxHxD) 440 x 88 x 384.8mm(17.32" x 3.46" x 15.15") Weight Approx. 7.70Kg (17 lb. 4TB HDD 1ea) Network Protocol TCP/IP. UDP/IP. RTP (UDP). RTP (TCP). RTSP. NTP. HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnF HTTPS, SNMP, ONVIF (Profile-S). SUNAPI(Server, Client) DDNS Wisenet DDNS Transmission speed - Analog Camera(NTSC/PAL) (Main Stream) BMP B/8fgbs CH, 5M 12/12fps CH, 2M 30/25fps CH, 220p 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720p or higher: 640x368 full fps/CH. SD signal: upto CIF full fps/CH Transmission Bandwidth Max. 100Mbps Audio Input/Output 16 Lline in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression C7.11 (N/W Camera G.711, 726) Max Remote Users Security L Paddress filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Harnwha Techwin Root CA) Viewer Software	Electrical		
Mechanical Color / Material	Power Input		100~240 VAC±10%, 50/60 Hz
Dimension (WxHxD)	Power Consumption		Max. 200W (6T HDD 8ea)
Dimension (WxHxD) 440 x 88 x 384.8mm(17.32" x 3.46" x 15.15") Weight Approx. 7.70Kg (17 lb, 4TB HDD 1ea) Network TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPP0E, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnf HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Wisenet DDNS Transmission speed - Analog Camera(NTSC/PAL) (Main Stream) 8MB 8/8/fps CH, 5M 12/12/fps CH, 4M 15/12/fps CH, 2M 30/25/fps CH, 720p 30/25/fps/CH, SD 30/25/fps/CH (Sub Stream) 720p or higher: 4640368 full fips/CH, SD signal: upto CIF full fps/CH Transmission Bandwidth Max. 100Mbps Audio Input/Output 16 Lline in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression G.711 (N/W Camera G.711, 726) Audio Communication 2-Way Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Mechanical		
Weight Approx. 7.70Kg (17 lb, 4TB HDD 1ea) Network Protocol TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnE HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) DDNS Wisenet DDNS Transmission speed - Analog Camera(NTSC/PAL) (Main Stream) 8MP 8/8fps CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 720p 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720p or higher: 640x368 full fps/CH, SD signal: upto CIF full fps/CH *The maximum recording frame rate depends on the frame rate of the input camera. Transmission Bandwidth Max. 100Mbps Audio Input/Output 16 Lline in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression G.711 (N/W Camera G.711, 726) Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording Transmission, Backup) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Color / Material		Black / Metal
Network Protocol	Dimension (WxHxD)		440 x 88 x 384.8mm(17.32" x 3.46" x 15.15")
Protocol TCP/IP, UDP/IP, RTP (UDP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPRE HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) Wisenet DDNS Transmission speed Audio Compression Max. 100Mbps Max Remote Users Security TCP/IP, UDP/IP, RTP (UDP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPRE HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) Wisenet DDNS Wisenet DNS Wisenet DNS Wisenet DNS Wisenet DNS Wisenet DNS Wisenet NoNIP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPRE HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) Wisenet DNS Wisenet DNS Wisenet DNS Wisenet DNS Wisenet DNS Wisenet May 15/12 fps CH, 2M 30/25 fps CH, 720p 30/25 fps CH,	Weight		Approx. 7.70Kg (17 lb, 4TB HDD 1ea)
DDNS Wisenet DDNS Transmission speed	Network		
Transmission speed -Analog Camera(NTSC/PAL) (Main Stream) 8MP 8/8fps CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 720p 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720p or higher: 640x368 full fps/CH. SD signal: upto CIF full fps/CH * The maximum recording frame rate depends on the frame rate of the input camera. Transmission Bandwidth Max. 100Mbps Audio Input/Output 16 Lline in (RCA 4 Line, Option: Audio Extension Cable) / 1Line line out Compression 6.711 (N/W Camera G.711, 726) Audio Communication 2-Way Max Remote Users Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Protocol		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)
Main Stream) 8MP 8/8fps CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 720p 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720p or higher: 640x368 full fps/CH, SD signal: upto CIF full fps/CH * The maximum recording frame rate depends on the frame rate of the input camera. Max. 100Mbps	DDNS		Wisenet DDNS
Audio Provide Input/Output Audio Compression Audio Communication Security Input/Output 16 Lline in (RCA 4 Line, Option : Audio Extension Cable) / 1Line line out 6.711 (N/W Camera G.711, 726) 2-Way Search(3), Live Unicast(10), Multicast(20) IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Transmission speed		(Main Stream) 8MP 8/8fps CH, 5M 12/12fps CH, 4M 15/12fps CH, 2M 30/25fps CH, 720p 30/25fps/CH, SD 30/25fps/CH (Sub Stream) 720p or higher: 640x368 full fps/CH, SD signal: upto CIF full fps/CH
Compression G.711 (N/W Camera G.711, 726) Audio Communication 2-Way Max Remote Users Security Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Transmission Bandwidth		Max. 100Mbps
Audio Communication 2-Way Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer	Audio	Input/Output	16 Lline in (RCA 4 Line, Option : Audio Extension Cable) / 1Line line out
Max Remote Users Search(3), Live Unicast(10), Multicast(20) Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer		Compression	G.711 (N/W Camera G.711, 726)
Security IP address filtering, User access log, 802.1x Authentication, Encryption (ID/PW, Recording, Transmission, Backup) Device Certificate(Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer, Wisenet Viewer		Audio Communication	2-Way
Device Certificate (Hanwha Techwin Root CA) Viewer Software SSM, Webviewer, SmartViewer, Wisenet Mobile Viewer Wisenet Viewer	Max Remote Users		Search(3), Live Unicast(10), Multicast(20)
	Security		
	Viewer Software		



HRX-1635

16CH Pentabrid DVR



CAD Unit: mm [inch]

