



## XRN-6420B2

NVR de 64 canales con procesador Intel® de 12.<sup>a</sup> generación



### Key Features

- 64 canales, resolución 32 MP
- 8 bahías para discos duros SATA (hasta 80 TB)
- Ancho de banda de grabación / transmisión hasta 520 Mbps
- Configuración sencilla de canal / evento / alarma
- Vista de canal virtual
- Diseño dinámico
- Soporte integrado para administración web (hasta 100)
- Compatible con Wisenet Viewer, Wisenet móvil
- Cumple con la normativa NDAA y TPM integrado
- Admite eventos manuales

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## Specifications

| Visualización           |                                |                                                                                                                                                                                 |
|-------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cámara IP               | Entradas                       | Max. 64CH                                                                                                                                                                       |
|                         | Resolución                     | 32MP ~ CIF                                                                                                                                                                      |
|                         | Protocolos                     | SUNAPI, ONVIF                                                                                                                                                                   |
| Decodificación          | Pantalla local                 | [Dual Display] HDMI 1: 3840 x 2160 (30Hz) HDMI 2: 1920x1080 (60Hz)                                                                                                              |
|                         | Visualización en multipantalla | [Local Monitor] - Dynamic layout, Virtual channel view - Clone Mode : Up to 64 Division - Expand Mode : HDMI1 up to 36 Div. HDMI2 up to 32 Div. [Web] 1/ 2H/ 2V/ 3V/ 4/ 6/ 8/ 9 |
|                         | Resolución                     | 32M(15fps, H.265 Only), 12M(30fps, H.265 Only), 8.3M(4ch@30fps), 1080p(16ch@30fps), 720P(32ch@30fps), D1(64ch@30fps)                                                            |
| Rendimiento             |                                |                                                                                                                                                                                 |
| Sistema Operativo       | Integrado                      | Linux                                                                                                                                                                           |
| Grabación               | Compresión                     | H.265, H.264, MJPEG                                                                                                                                                             |
|                         | Ancho de banda de grabación    | Distributed mode : Up to 520 Mbps, Normal mode : Up to 300 Mbps                                                                                                                 |
|                         | Resolución                     | 32MP ~ CIF                                                                                                                                                                      |
|                         | Modo                           | Normal, Dual Stream, Schedule(Continuous/Event), Event (Pre/Post), Bookmark                                                                                                     |
|                         | Activador de eventos           | Alarm Input, Video Loss, Camera Event(Sensor, MD, Video Analytics, Defocus, Audio), Dynamic Event, User Event                                                                   |
|                         | Acción de evento               | e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out, FTP, SUNAPI Command, Shutdown                                                                                   |
| Búsqueda y reproducción | Ancho de banda de reproducción | Up to 200Mbps(64CH simultaneously)                                                                                                                                              |
|                         | Usuario                        | Max. 4 Users (Local 1, Remote 3)                                                                                                                                                |
|                         | Reproducción simultánea        | Max. 112CH(Local 64CH, Remote 16CH per user)                                                                                                                                    |
|                         | Corrección esférica ojo de pez | Support (Local 1CH), CMS                                                                                                                                                        |
|                         | Modo                           | Time/Event/Text/ARB/Bookmark/Smart search                                                                                                                                       |
|                         | Resolución                     | CIF ~ 32MP (Up to H.264 9MP, H.265 32MP)                                                                                                                                        |
|                         | Control de reproducción        | Fast/Slow Forward / Backward, Move one step Up / Down                                                                                                                           |

## Rendimiento

|                |                          |                                                         |
|----------------|--------------------------|---------------------------------------------------------|
| Almacenamiento | Discos duros compatibles | Up to 10TB                                              |
|                | Ranura de disco duro     | SATA 8ea(Max. 80TB)                                     |
|                | Externo                  | iSCSI storage                                           |
| Respaldo       | Respaldo de archivos     | Recorder/SEC/AVI/JPG(Local), AVI/PNG(Network)           |
|                | Función                  | Multi channel(Up to 16CH) Play, Date-Time/Title display |

## Red

|                               |                                                                                                                                                                                                |                                             |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Protocolo                     | IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, RTCP, NTP, HTTP, DHCP (Server, Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI(Server, Client) |                                             |
| DDNS                          | Hanwha DDNS                                                                                                                                                                                    |                                             |
| Ancho de banda de transmisión | Max. 520Mbps                                                                                                                                                                                   |                                             |
| Audio                         | Entrada / salida                                                                                                                                                                               | 64 CH(network)                              |
|                               | Compresión                                                                                                                                                                                     | G.711, G.726, AAC(16/48KHz)                 |
|                               | Comunicación por audio                                                                                                                                                                         | 2-Way                                       |
| Usuarios remotos máx.         | Search(3), Live Unicast(10), Multicast(20)                                                                                                                                                     |                                             |
| Seguridad                     | IP address filtering, User access Log, 802.1x, TLS, Encryption Device certificate(Hanwha Techwin Root CA), Signed firmware, TPM support                                                        |                                             |
| Visor web                     | S.O. compatibles                                                                                                                                                                               | Windows10 or higher, macOS 13.5.2 or higher |
|                               | Navegadores compatibles                                                                                                                                                                        | Google Chrome, Microsoft Edge, Mac Safari   |
| Software de visualización     | WAVE, SSM, Webviewer, Wisenet Viewer, Wisenet mobile Support CGI(SUNAPI) for integration to 3'rd party VMS                                                                                     |                                             |

## Función

|                            |                        |                                                                                                                                                                                                                                                                                   |
|----------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configuración de la cámara | Registro               | Auto, Manual                                                                                                                                                                                                                                                                      |
|                            | Elemento               | IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup (4, 8 point polygon) Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SDDR, DIS),, Fisheye Dewarping Mode, Hallway View Setup, Camera Webpage |
| PTZ                        | Control                | Via GUI, Webviewer, SPC-2000/2001                                                                                                                                                                                                                                                 |
|                            | Preset                 | 300 Presets                                                                                                                                                                                                                                                                       |
| Smartphone                 | Modelos compatibles    | iOS, Android                                                                                                                                                                                                                                                                      |
|                            | Protocolos compatibles | RTP, RTSP, HTTP, CGI(SUNAPI)                                                                                                                                                                                                                                                      |
|                            | Control                | Live 16CH(Multi-Profile Support), Playback 4CH                                                                                                                                                                                                                                    |
|                            | Máx. Usuarios remotos  | Search(3), Live Unicast(10)                                                                                                                                                                                                                                                       |
| Redundancia                | Recuperación de fallos | N+1                                                                                                                                                                                                                                                                               |
|                            | ARB                    | Support                                                                                                                                                                                                                                                                           |
| Configuración sencilla     | P2P(QR code)           |                                                                                                                                                                                                                                                                                   |

## Interfaz

|         |           |                                            |
|---------|-----------|--------------------------------------------|
| Frontal | Indicador | HDD, Alarm, Power, Record, Backup, Network |
|---------|-----------|--------------------------------------------|

## Interfaz

|                      |                                                                             |
|----------------------|-----------------------------------------------------------------------------|
| Almacenamiento       | Yes                                                                         |
| Reinicio             | Power button                                                                |
| HDMI                 | 2EA ( Playback/Setup → HDMI1) HDMI1 : 3840x2160 30Hz HDMI2 : 1920x1080 60Hz |
| Audio                | Out 1EA (3.5mm Audio Jack)                                                  |
| Ethernet             | RJ-45 3EA (LAN/WAN, 1Gbps)                                                  |
| Alarma               | In 8EA, Out 4EA                                                             |
| USB                  | 4EA(Front 2 x USB2.0 + Rear 2 x USB 3.0)                                    |
| Entrada alimentación | AC 1EA                                                                      |

## Sistema

|                     |                   |                                                                                                                                                                                                                       |
|---------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registro            | Lista de registro | Max. 100,000 (System Log, Event Log each)                                                                                                                                                                             |
| Control del sistema |                   | Mouse(include wireless), Keyboard(include wireless), Web, Controller (SPC-2000/2001)                                                                                                                                  |
| Idioma              |                   | English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai, Vietnamese |

## Medioambiental

|                               |                             |
|-------------------------------|-----------------------------|
| Temperatura de funcionamiento | 0°C to +40°C(32°F to 104°F) |
| Humedad de funcionamiento     | 20% ~ 85% RH                |

## Eléctrico

|                         |                                                |
|-------------------------|------------------------------------------------|
| Entrada de alimentación | 100 ~ 240 VAC ±10%; 50/60Hz, 1.5A(Single SMPS) |
| Consumo de corriente    | Max. 143W (488BTU with HDD 8ea)                |

## Mecánico

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Color / Material | Black / Metal                                       |
| Dimensiones      | 438.0 x 86.0 x 434.9 mm (17.47 x 3.39 x 17.12 inch) |
| Peso             | 7.3Kg (16.1lb, Except HDD)                          |

## Análisis inteligente

|                                  |                    |                                   |
|----------------------------------|--------------------|-----------------------------------|
| Búsqueda Inteligencia Artificial | Atributo de objeto | Compatible with Hanwha AI Cameras |
|----------------------------------|--------------------|-----------------------------------|

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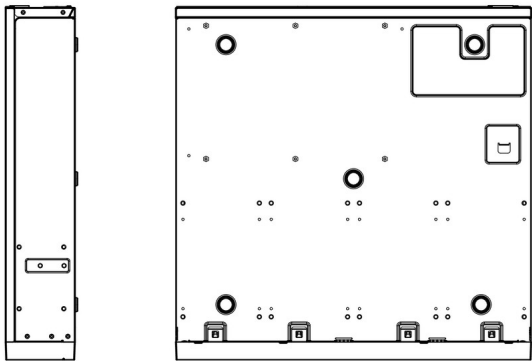
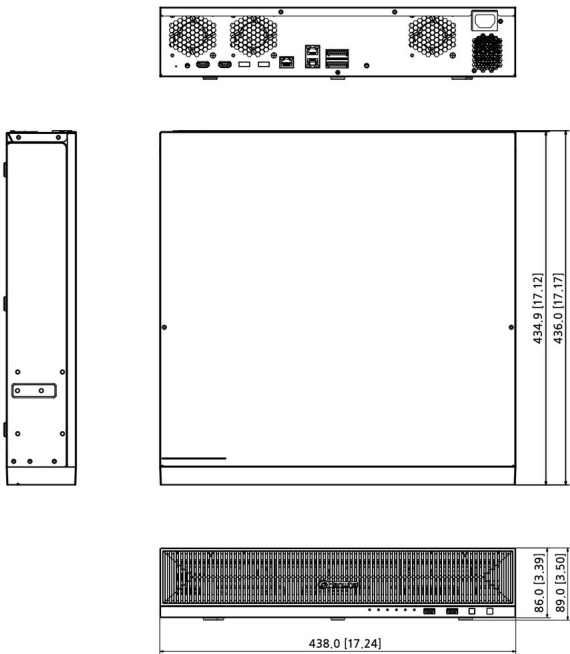
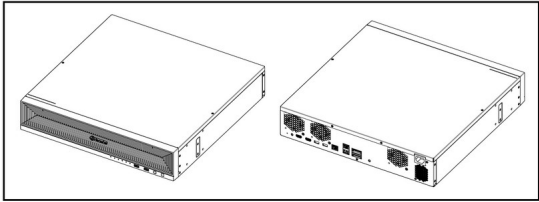


CAD

Unit: mm [inch]

## XRN-6420B2\_XRN-3220B2 RECORDER

Reference image



|               |           |
|---------------|-----------|
| Revision      | V1.1      |
| Revision Date | 25/01/17  |
| Paper Size    | A1        |
| Unit          | mm [inch] |
| Scale         | 1:2       |

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