

## HXVR-32P204H4



### Key features

- | Deep learning-based perimeter protection
- | Deep learning-based motion detection 2.0 for all analog channels
- | Up to 32-ch analog camera inputs and 4 SATA interfaces
- | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- | Up to 8 MP@8 fps/5 MP@12 fps encoding capability
- | HDTV/I/AHD/CVI/CVBS/IP video inputs
- | Up to 64-ch network camera inputs
- | POS triggered recording and POS information overlay

### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 4 MP Lite resolution

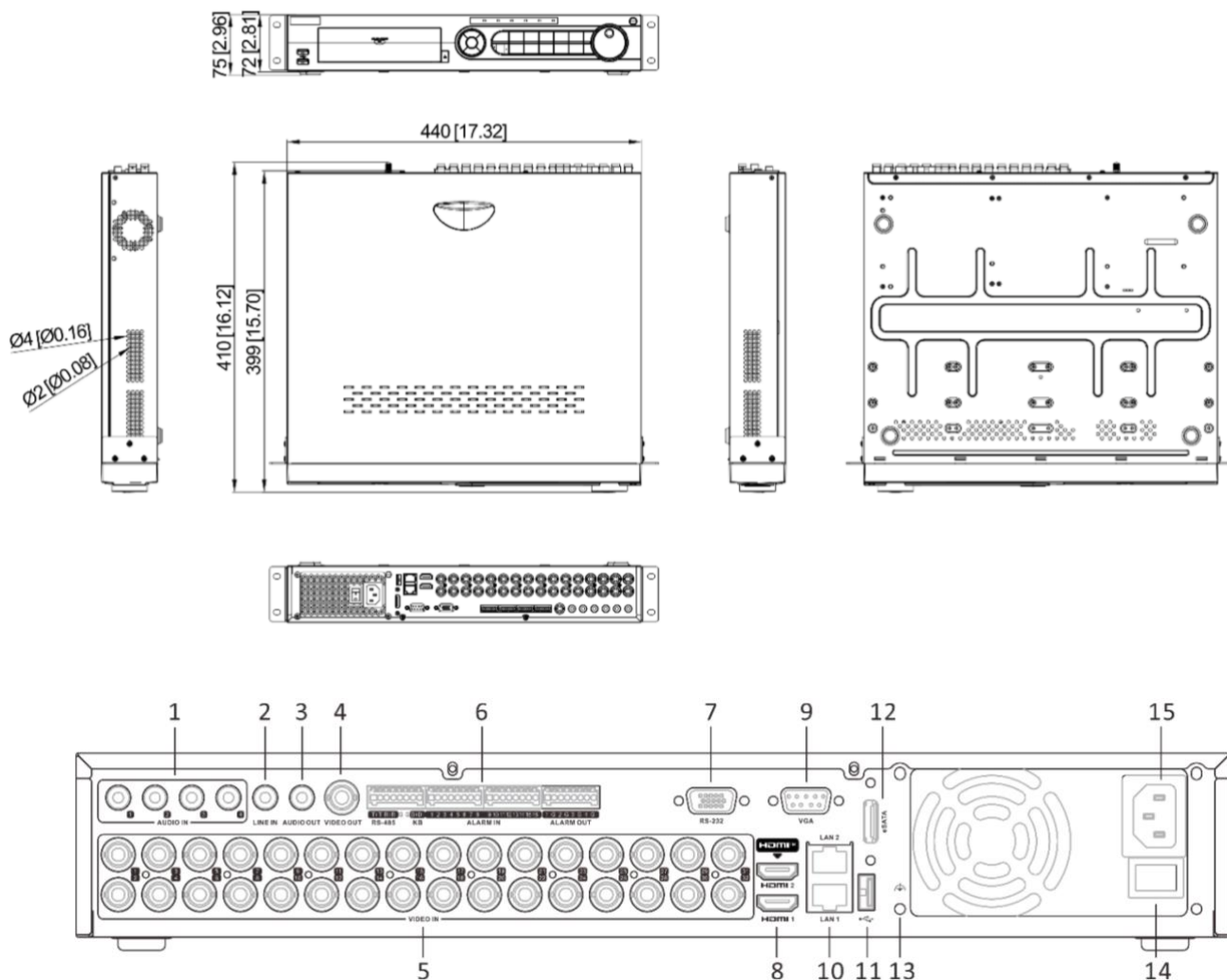
### Storage and Playback

- 4 SATA interfaces and 1 eSATA interface
- 32-ch 1080p@30 fps decoding capability
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme

### Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

| Model                |                           | HXVR-32P204H4                                                                                                                                                                                                                                             |
|----------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Motion Detection 2.0 | Human/Vehicle Analysis    | Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported; |
| Perimeter Protection | Human/Vehicle Analysis    | Up to 16-ch, for channel 1/2/3/4/9/10/11/12/17/18/19/20/25/26/27/28 only                                                                                                                                                                                  |
| Recording            | Video compression         | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                                                                                                   |
|                      | Encoding resolution       | 8 MP/3K/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF                                                                                                                                                                                                        |
|                      | Frame Rate                | <u>Main stream:</u><br>8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps<br>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br><u>Sub-stream:</u><br>WD1/4CIF/CIF@25 fps (P)/30 fps (N)                                                          |
|                      | Video bit rate            | 32 kbps to 10 Mbps                                                                                                                                                                                                                                        |
|                      | Dual-stream               | Support                                                                                                                                                                                                                                                   |
|                      | Stream type               | Video, Video & Audio                                                                                                                                                                                                                                      |
|                      | Audio compression         | G.711u                                                                                                                                                                                                                                                    |
|                      | Audio bit rate            | 64 kbps                                                                                                                                                                                                                                                   |
| Video and Audio      | IP video input            | 32-ch (up to 64-ch); up to 12 MP resolution; Support H.265+/H.265/H.264+/H.264 IP cameras                                                                                                                                                                 |
|                      | Analog video input        | 32-ch; BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection                                                                                                                                                                                    |
|                      | Incoming Bandwidth        | 320 Mbps                                                                                                                                                                                                                                                  |
|                      | Outgoing Bandwidth        | 256 Mbps                                                                                                                                                                                                                                                  |
|                      | HDTVI input               | 8 MP, 3K, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                              |
|                      | AHD input                 | 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                                              |
|                      | HDCVI input               | 4 MP, 1080p25, 1080p30, 720p25, 720p30                                                                                                                                                                                                                    |
|                      | CVBS input                | PAL/NTSC                                                                                                                                                                                                                                                  |
|                      | CVBS output               | 1-ch, BNC (1.0 Vp-p, 75 Ω); resolution: PAL: 704 x 576, NTSC: 704 x 480                                                                                                                                                                                   |
|                      | VGA output                | 1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60Hz                                                                                                                                                                             |
|                      | HDMI 1 output             | 1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz                                                                                                                                                                                              |
|                      | HDMI 2 output             | 1-ch, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz, 1024 x 768/60Hz                                                                                                                               |
|                      | Video Output Mode         | HDMI1/VGA simultaneous output, HDMI2/VGA independent output                                                                                                                                                                                               |
|                      | Audio input               | 4-ch, RCA (2.0 Vp-p, 1 kΩ)                                                                                                                                                                                                                                |
|                      | Audio output              | 1-ch, RCA (Linear, 1 kΩ)                                                                                                                                                                                                                                  |
|                      | Two-way audio             | 1-ch, RCA (2.0 Vp-p, 1 kΩ) (independent)                                                                                                                                                                                                                  |
|                      | Synchronous playback      | 16-ch                                                                                                                                                                                                                                                     |
|                      | Remote connections        | 128                                                                                                                                                                                                                                                       |
|                      | Network protocols         | TCP/IP, PPPoE, DHCP, CMS-MAZi, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP                                                                                                                                                                |
|                      | Network interface         | 2, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                 |
| Auxilliary Interface | SATA                      | 4 SATA interfaces                                                                                                                                                                                                                                         |
|                      | eSATA                     | Support                                                                                                                                                                                                                                                   |
|                      | Capacity                  | Up to 12 TB capacity for each disk                                                                                                                                                                                                                        |
|                      | Serial interface          | RS-232, RS-485 (half-duplex), Keyboard                                                                                                                                                                                                                    |
|                      | USB interface             | <i>Front panel:</i> 2 x USB 2.0; <i>Rear panel:</i> 1 x USB 3.0                                                                                                                                                                                           |
|                      | Alarm in/out              | 16/4                                                                                                                                                                                                                                                      |
| General              | Power supply              | 100 + 200 Vac, 50 + 60 Hz                                                                                                                                                                                                                                 |
|                      | Consumption (without HDD) | ≤ 55 W                                                                                                                                                                                                                                                    |
|                      | Working temperature       | -10 °C ÷ +55 °C (14 °F ÷ 131 °F)                                                                                                                                                                                                                          |
|                      | Working humidity          | 10% ÷ 90%                                                                                                                                                                                                                                                 |
|                      | Dimension (W x D x H)     | 440 x 399 x 72 mm (17.3 x 15.7 x 2.8 inch)                                                                                                                                                                                                                |
|                      | Weight (without HDD)      | ≤ 7 kg (15.4 lb)                                                                                                                                                                                                                                          |



| No. | Description                               | No. | Description              |
|-----|-------------------------------------------|-----|--------------------------|
| 1   | Audio in                                  | 9   | VGA interface            |
| 2   | Line in                                   | 10  | LAN1 and LAN2 interfaces |
| 3   | Audio out                                 | 11  | USB interface            |
| 4   | Video out                                 | 12  | eSATA interface          |
| 5   | Video in                                  | 13  | GND                      |
| 6   | Alarm out, alarm in, RS-485, and keyboard | 14  | Power switch             |
| 7   | RS-232 interface                          | 15  | Power supply             |
| 8   | HDMI1 and HDMI2 interfaces                |     |                          |