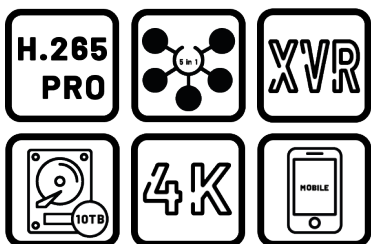


# LENX

## LX-H-204/1 TURBO HD DVR



- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 6-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD

### Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution

### Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

### Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support 4-ch line crossing detection and intrusion detection

### Network & Ethernet Access

- Max. 24/48/96 Mbps incoming bandwidth and output bandwidth limit configurabl
- LenxAPP & DDNS (Dynamic Domain Name System) for easy network management

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## SPECIFICATION

| Model                  | LX-H-204/1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recording</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Video compression      | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Encoding resolution    | When 1080p lite mode is not enabled:<br>4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF<br>When 1080p Lite mode is enabled:<br>4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF                                                                                                                                                                                                                                                                                                                                                                                       |
| Frame rate             | Main stream:<br>When 1080p Lite mode not enabled:<br>For 4 MP stream access:<br>4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)<br>For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps<br>For 1080p stream access:<br>1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br>For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br>When 1080p Lite mode enabled:<br>4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)<br><br>Sub-stream:<br>WD1/4CIF@12fps; CIF@25fps (P)/30fps (N) |
| Video bit rate         | 32 Kbps to 6 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Dual stream            | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Stream type            | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Audio compression      | G.711u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Audio bit rate         | 64 Kbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Video and Audio</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| IP video input         | 2-ch (up to 6-ch)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                        | Up to 6 MP resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                        | Support H.265+/H.265/H.264+/H.264 IP cameras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Analog video input     | 4-ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                        | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| HDTVI input            | 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25<br>*: The 3 MP signal input is only available for channel 1 of LX-H-204/1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| AHD input              | 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),<br>resolution: PAL: 704 × 576, NTSC: 704 × 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| VGA output             | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| HDMI output            | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Audio input            | 1-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) (using the first audio input)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Synchronous playback   | 4-ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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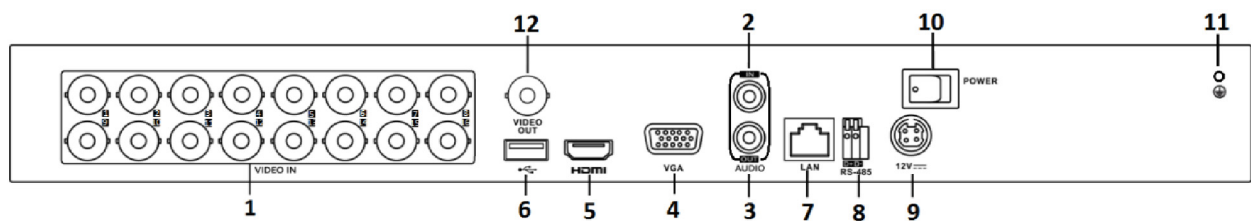
www.lenxvideo.com

The LENX logo is displayed in a large, bold, black sans-serif font. In the background, there is a decorative graphic consisting of a large, thick, curved band in shades of orange and red, with a circuit board pattern overlaid on it.

| Network                   |                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------|
| Remote connection         | 32                                                                                      |
| Network protocol          | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Network interface         | 1, RJ45 10M/100M self-adaptive Ethernet interface                                       |
| Auxiliary interface       |                                                                                         |
| SATA                      | 1 SATA interface                                                                        |
| Capacity                  | Up to 10 TB capacity for each disk                                                      |
| Serial interface          | RS-485 (half-duplex)                                                                    |
| USB interface             | 2 × USB 2.0                                                                             |
| Alarme in/out             | N/A                                                                                     |
| General                   |                                                                                         |
| Power supply              | 12 VDC                                                                                  |
| Consumption (without HDD) | ≤ 6 W                                                                                   |
| Working temperature       | -10 °C to +55 °C (+14 °F to +131 °F)                                                    |
| Working humidity          | 10% to 90%                                                                              |
| Dimension (W × D × H)     | 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)                                               |
| Weight (without HDD)      | ≤ 1.16 kg (2.6 lb)                                                                      |

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## PHYSICAL INTERFACE



\*The rear panel of LX-H-204/1 provides 4 video input interfaces.

| No. | Description              |
|-----|--------------------------|
| 1   | VIDEO IN                 |
| 2   | AUDIO IN, RCA Connector  |
| 3   | AUDIO OUT, RCA Connector |
| 4   | VGA Interface            |
| 5   | HDMI Interface           |
| 6   | USB Interface            |
| 7   | LAN Network Interface    |
| 8   | RS-485 Serial Interface  |
| 9   | Power Input              |
| 10  | Power Switch             |
| 11  | GND                      |
| 12  | VIDEO OUT                |

## AVAILABLE MODEL

LX-H-204/1

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[www.lenxvideo.com](http://www.lenxvideo.com)