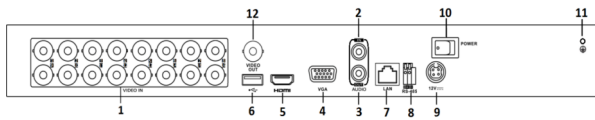


# 16 Channel Self-Adaptive Digital Video Recorder



- |                              |                            |
|------------------------------|----------------------------|
| 1. VIDEO IN                  | 7. LAN Network Interface   |
| 2. AUDIO IN - RCA Connector  | 8. RS-485 Serial Interface |
| 3. AUDIO OUT - RCA Connector | 9. 12 Vdc Power Input      |
| 4. VGA Interface             | 10. Power Switch           |
| 5. HDMI Interface            | 11. GND                    |
| 6. USB 3.0 Interface         | 12. VIDEO OUT              |

- Up to 16 nos. 720p / 1080p / 3MP camera inputs
- H.265+/H.265/H.264+/H.264 encoding for the main stream
- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Supports 2 nos. 4MP H.265+/H.265/H.264+/H.264 IP cameras
- HDMI output at up to 4K (3840 × 2160) resolution
- 2 SATA slots up to 6TB per HDD, 1 USB3.0 & 1 USB2.0 ports
- Long distance transmission over UTP and coaxial cable
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)
- VCA (Video Content Analytics) supports 2-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)

## Technical Specifications

|                               |  |
|-------------------------------|--|
| <b>Video Input</b>            | 16 Ch  |
| <b>Supported Camera Types</b> | TVI 3 MP (Ch 1-4 only), 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25<br>AHD & HDCVI 1080p25, 1080p30, 720p25, 720p30, CVBS PAL / NTSC<br>IP Camera up to 4MP (2 nos. max.) |
| <b>Recording Resolution</b>   | Main: 3MP @ 15 fps; 1080p / 720p / VGA / WD1 / 4CIF / CIF @ 25 fps<br>Sub: WD1 / 4CIF @ 12 fps; CIF @ 25 fps   |
| <b>HDMI / VGA Output</b>      | 4K, 2K, 1920 x 1080p, 1280 x 1024, 1280 x 720, 1024 x 768  |
| <b>Audio In</b>               | 1 Ch, RCA (2.0 Vpp, 1kΩ), Compression: G.711u  |
| <b>Audio Out</b>              | 1 Ch, RCA (Linear, 1kΩ)  |
| <b>Playback Resolution</b>    | 3MP / 1080p / 720p / VGA / WD1 / 4CIF / CIF / QVGA / QCIF  |
| <b>Synchronous Playback</b>   | 16 Ch  |
| <b>Hard Disk</b>              | 2 SATA interface for 2 HDD   |
| <b>Capacity</b>               | Up to 6TB capacity for each HDD  |
| <b>eSATA</b>                  | None   |
| <b>Network Interface</b>      | 1 RJ-45 10/100/1000 Mbps self-adaptive ethernet interface  |
| <b>Remote Connections</b>     | max. 128   |
| <b>Serial Interface</b>       | 1 RS-485 serial interface, half duplex   |
| <b>USB Interface</b>          | 1 x USB2.0 (front), 1 x USB3.0 (back)  |
| <b>Alarm</b>                  | None   |
| <b>Power Supply</b>           | 12 Vdc   |
| <b>Power Consumption</b>      | < 25W  |
| <b>Operating Conditions</b>   | -10°C - 55°C, Humidity 10% ~ 90% (non-condensing)  |
| <b>Dimension</b>              | 380 × 320 × 48 mm  |
| <b>Weight</b>                 | 2 kg (without Hard Disk)   |