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|------------------------------|----------------------------|
| 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              |
|                              | 13. Alarm In/Out           |

## 8 Channel Self-Adaptive Digital Video Recorder

- Up to 8 nos. 3MP / 1080p / 720p camera inputs
- H.264+/H.264 encoding for the main stream
- Self-adaptive HDTV/AVD/CVBS signal input
- Supports 2 nos. 4MP 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>	8 Ch
<b>Supported Camera Types</b>	TVI 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD 1080p25, 1080p30, 720p25, 720p30, CVBS PAL / NTSC IP Camera up to 4MP (2 nos. max.)
<b>Recording Resolution</b>	Main: 3MP @ 15 fps; 1080p / 720p / VGA / WD1 / 4CIF / CIF @ 25 fps Sub: WD1 / 4CIF @ 12 fps; CIF @ 25 fps
<b>HDMI / VGA Output</b>	4K (HDMI), 1920 x 1080p, 1280 x 1024, 1280 x 720, 1024 x 768
<b>Audio In</b>	4 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
<b>Synchronous Playback</b>	8 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 Input / Output</b>	8 in / 4 out
<b>Power Supply</b>	12 Vdc
<b>Power Consumption</b>	< 20W
<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)