

# Product Specifications

## DVR-HD04120

### Features:

**Dual Core Processing, HD-SDI Recording, 1080p Realtime Recording & Preview, Enterprise Class DVR**



|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>Video Inputs</b>         | BNC (1.0Vp-p, 75Ohm)                                        |
| <b>Video Outputs</b>        | HDMI, VGA, TV & BNC                                         |
| <b>Audio Inputs</b>         | BNC (200-2800mV, 30 Ohm)                                    |
| <b>Audio Outputs</b>        | 1 Channel BNC (200-3000mV, 5k Ohm)                          |
| <b>Two-way Talk</b>         | 1 Channel Input, 1 Channel Output, BNC                      |
| <b>Video Compression</b>    | H.264                                                       |
| <b>Recording Resolution</b> | 1080P(1920×1080), 720P(1280×720) D1(704×480), CIF(352×240)  |
| <b>Record Rate</b>          | 4 Channel: 120FPS@1080p<br>Extra/Sub-Stream: D1/CIF@30FPS   |
| <b>Bit Rate</b>             | 256-8096 Kbps                                               |
| <b>Record Mode</b>          | Manual, Schedule, MD, Camera Blank/Video Loss, Alarm        |
| <b>Trigger Events</b>       | Recording, PTZ Movement, Tour, Alarm, Email, Spot Output    |
| <b>Motion Detection</b>     | 22x18 , 1-6 Sensitivity                                     |
| <b>Alarm Input</b>          | 4 Channel                                                   |
| <b>Relay Output</b>         | 6 Channel                                                   |
| <b>Playback Channel</b>     | 1, 4, 9, 16 Channel Simultaneous Playback                   |
| <b>Search Mode</b>          | Time/Date, Alarm, Motion Detect & Exact Search (Accurate    |
| <b>Playback Function</b>    | Play, Pause, Stop, Rewind, Fast play, Slow play, Next File, |
| <b>Backup Method</b>        | eSATA, Flash Drive, USB HDD, Network Download               |

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|                              |                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Network</b>               | RJ-45 Port (10m/100m/1000m)                                                                               |
| <b>Network Function</b>      | HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search |
| <b>Remote Users</b>          | Max 20 Users Simultaneously                                                                               |
| <b>Remote Operation</b>      | Monitor, PTZ Control, Playback, System Setting, File Download, Log Info                                   |
| <b>HDD Interface</b>         | 8 SATA Ports, Up to 32TB, 1 eSATA up to 16TB                                                              |
| <b>Video I/O</b>             | BNC                                                                                                       |
| <b>Monitor</b>               | HDMI, VGA, BNC                                                                                            |
| <b>Audio I/O</b>             | BNC                                                                                                       |
| <b>Alarm I/O</b>             | Screw Terminal                                                                                            |
| <b>RS485</b>                 | Screw Terminal                                                                                            |
| <b>Network</b>               | RJ-45 10M/100M UTP                                                                                        |
| <b>USB</b>                   | USB 2.0 Type A 2 Ports                                                                                    |
| <b>eSATA</b>                 | 1 Port                                                                                                    |
| <b>IR-Remote</b>             | Standard, Addressable                                                                                     |
| <b>Voice Interface</b>       | BNC                                                                                                       |
| <b>Power Requirements</b>    | 100-240VAC 50/60Hz                                                                                        |
| <b>Power Consumption</b>     | 40W Without HDD                                                                                           |
| <b>Operating Temperature</b> | -10°C - 55°C                                                                                              |
| <b>Operating Humidity</b>    | 10-90% RH Max                                                                                             |
| <b>Dimensions</b>            | 2U, 440mm x 460mm x 89mm                                                                                  |

# Product Specifications

## DVR-HD04120

- Dual Core Processor
- 4, 8, 16 Channel HD-SDI Video 1080p Realtime Live View
- 4 Channel: 120FPS@1080p
- 8 & 16 Channel: 240FPS@1080p
- HDMI, VGA & TV Simultaneous Video Output
- Setup Wizard for the initial Configuration of the DVR
- Search & Playback Functionality & Interface
- 8 SATA up to 32TB, 1 eSATA up to 16TB, 4 USB 2.0 • HDD Groups allow you to determine which channel records to Each Specified HDD
- Smart Video Detect (Motion Detect, Camera Blank & Video Loss)
- Support for G4 3D Intelligent Zoom using any G4-PTZ
- On-Screen Keyboard
- Built In Web Server, CMS (PSS) & G4SS (Smart Phone)

