# HD CCTV Surveillance Solutions

## 1080p HD-SDI Hybrid DVR
### Upto 8 HD and 16 Analogue Cameras

## ADVANCED FEATURES

- 1080p Full HD Real-time Video Recording
- Hybrid: Upto 8 HD & 16 Analogue Video
- H.264 Video Format
- DVD Writer for Video Backup
- Up to 8 TB Internal Storage
- Dual Streaming
- Easy-to-Use Graphical User Interface

- 1080p Full HD Real-time Live Video
- HD Video over Existing Coaxial Cables
- Smart Phone Apps
- Covert Camera Operation
- Motion based Smart Search
- Thumbnail Search
- Powerful CMS Program

## HISCO WINDOWS BASED HD DVR SPECIFICATIONS

| | Model | HIS-HD4820 | HIS-HD4824 |
|---|---|---|---|
| **VIDEO** | Video Input | 4 HD-SDI & 16 Analogue | 8 HD-SDI & 16 Analogue |
| | Video Ouput | 1 VGA, 1 HDMI | 1 VGA, 1 HDMI |
| | Spot Monitor | 2 for Analogue Cameras | 2 for Analogue Cameras |
| | Display Resolution | MAX. 1920X1080 | MAX. 1920X1080 |
| **RECORD & PLAYBACK** | Video Compression | H.264 | |
| | Live Display Speed | Real-time | Real-time |
| | Recording Rate | 120 @ 1080p(HD) & 480 @ D1(SD) | 240 @ 1080p(HD) & 480 @ D1(SD) |
| | Recording Mode | Continuous, Motion, Sensor, Motion & Sensor, Normal & Event | |
| | Playback Mode | Timeline, Index, Date & Time, Event, Smart Search, Quick Search | |
| | Playback Speed | X1, X2, X4, X8, X16, X32, X64 | |
| | Archive File Format | AVI (Video Clip) / JPEG (Still Image) | |
| **SYSTEM** | Operating System | WINDOWS 7 | |
| | Backup Device | DVD+/-RW | |
| | Storage | 40GB SSD for O/S Drive, 1 TB for Video Storage (Expandable to 8TB) | |
| | Video Export | USB, CD/DVD RW, Network | |
| **NETWORK** | Connection | Ethernet | |
| | Protocol | LAN, DHCP, DDNS, | |
| | Remote Connection | CMS, Smart Phone App ( iPhone, Android), IE | |
| **INTERFACE** | Audio In (Optional) | 2 | 2 |
| | Alarm In / Out | Optional 4 In/ 4 Out | Optional 8 In/ 8 Out |
| | PTZ CONTROL | Optional RS-485/422 | |
| | USB Interface | 10 Ports (2 x Front Panel, 8 x Rear Panel) | |
| **REMOTE ACCESS** | Web Setting | Live Monitoring, Search, Setup, Backup | |
| | Covert Camera | Local/Remote | |
| **ETC** | Dimension (W x H x D) | 430 x 170 x 425(mm) | |
| | Operating Temperature | 5℃ ~ 40℃ | |
| | Power | 100V ~ 240V AC, 50-60 Hz | |
| | Operating Humidity | 10 ~ 90% | |