# HCR-HD16G



## FEATURES

16 Channel HD-SDI Digital Video Recorder

- H.264 Compression (High Profile)
- HD-SDI Max. 15fps @1080p 30 per Channel (8/16 Ch)
- 16 HD-SDI Video Input (1080p, 1080i or 720p)
- HDMI & VGA Output – Full HD (Max. 1920 x 1080)
- Picture Quality : Utmost Graphic, Respectively Comparing Its Picture Size
- Mobile Viewer : iPad / iPhone / Android
- Dual Stream : Optimize Network Transfer Speed
- POS text insertion (Patent Pending) : Displaying & Recording Transaction Data from POS
- User Friendly GUI : Flexible, Easy and Convenient
- Advanced CMS Software : Convenient and Versatile Software
- S.M.A.R.T : Self Monitoring Analysis and Reporting Technology

| Specifications | |
|---|---|
| Model | HCR-HD16G |
| Compression | H.264 (High Profile) |
| Operating System | Embedded Linux |
| OS Firmware | Linux OS in Flash Memory |
| Signal Format | HD-SDI (1080p,1080i or 720p) |
| Memory | 1GB DDR3 Memory |
| Video Input | 16(BNC) |
| Video Output | 1 HDMI, 1 VGA |
| Recording Rate | Max. 240fps @1080p |

| Specifications | |
|---|---|
| Audio Input / Output | 16 Input / 1 Output |
| Alarm Input | 16 Input |
| Master Alarm | 1 |
| Alarm Output | 16 (TTL) / 2 (Relay) |
| USB 2.0 | 4 x USB (2 x Front Panel, 2 x Rear Panel) |
| Ethernet | 10 / 100 / 1000 Mbps Ethernet (RJ-45) |
| User Interface (GUI / Control Device) | Keypad, Mouse, PTZ Control, Remote Controller |
| Archive File Format | EXE (Video Clip)/ AVI (Video Clip) / JPEG (Still Image) |
| NTP Server | Yes |
| GMT Time Zone | Yes |
| Auto DST | Yes |
| Recording Qualities | Super / High / Standard / Low |
| Recording Modes | Continuous / Alarm / Motion / Emergency |
| Motion Detection | Yes (22 x 15) |
| Playback Control | x1, x2, x4, x8, x16, x32, x64, Extreme |
| RS-485 Control | RS-485 Serial Port 1 (Terminal Block) |
| Text Insertion (POS) | 4 |
| Multi Language | Arabic / Chinese (Simplified) / Chinese (Traditional) / Croatian / Czech / Danish / English / French / German / Italian / Japanese / Korean / Persian / Polish / Portuguese / Russian / Spanish / Thai / Turkish |
| Central Monitoring Station | CMS Pro (Windows) / CMS (Windows) / iCMS (MAC) / xCMS (Linux) / Web Client Pro |
| Mobile Viewer | iPad / iPhone / Android |
| Primary Storage | 4 x SATA HDD, 1 x ODD (Up to 16TB) |
| eSATA | 1 Port |
| Clip Copy Storage | Built-in Internal DVD-RW, USB Memory Stick |
| Dimension(WxHxD) | 430 mm x 88 mm x 380 mm / 16.93 inch x 3.46 inch x 14.96 inch (Rack Type) |
| Operating Temperature | 5˚C~40˚C / 41˚F~104˚F |
| Operating Humidity | 0% ~ 90% |
| Power Adapter | 12V, 9A (100W) |
| Power Consumption | Max. 70W in Normal Operation |