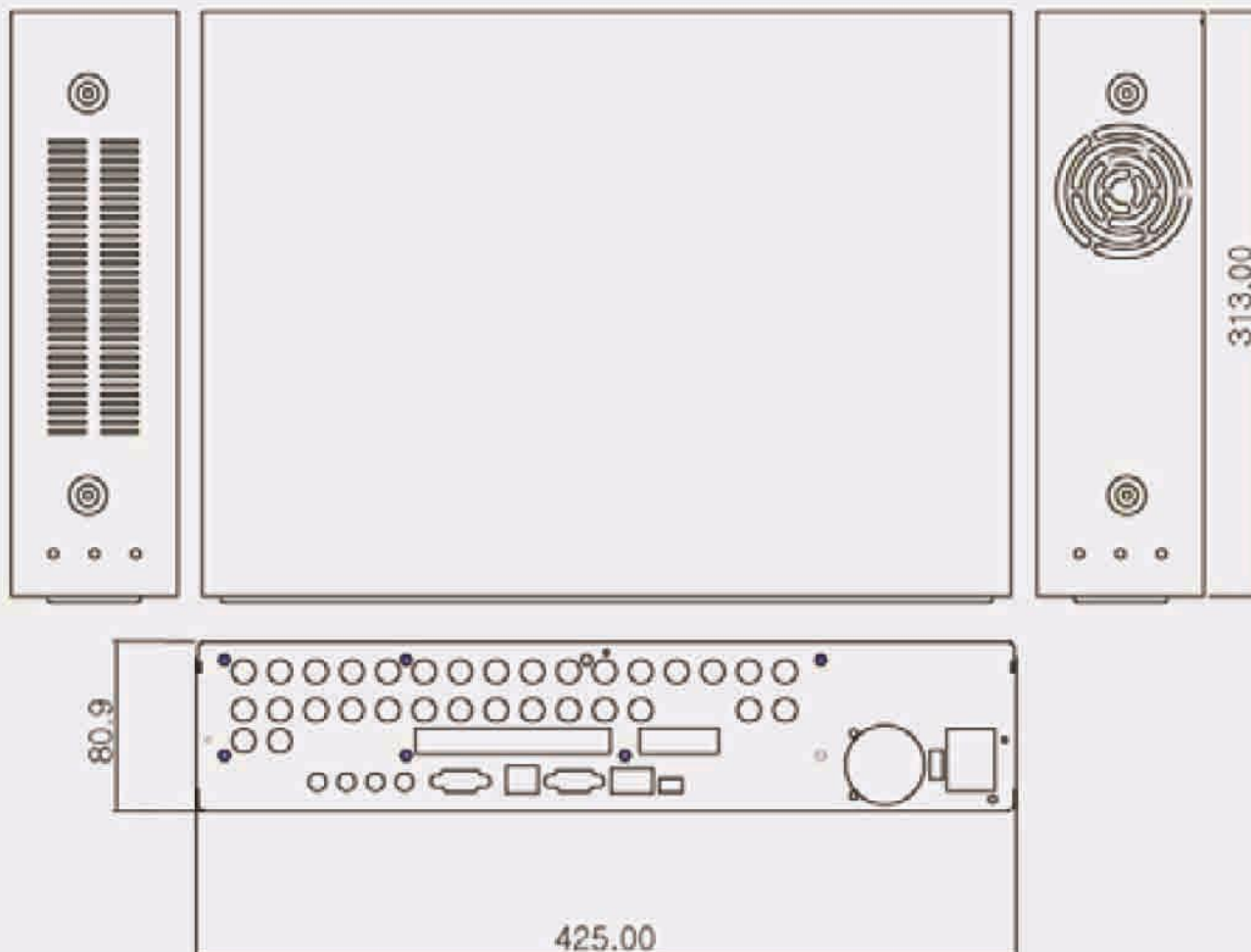




Features

- Real-time Full D1 Recording and playback (NTSC480 fps @ 16CH)
- Various Output (1 HDMI, 1 VGA1 CVBS, 16 Channel Loop-Back, 4 SPOT)
- 16 Channel Audio Recording
- Instant and Convenient Backup via USB Flash Drive, Network or DVD-RW
- Free Private DDNS & Public DDNS
- e-mail Event Notification over IP change, Motion detection, Sensor in, S.M.A.R.T
- Digital Zoom in Live, Playback, Network, and Backup viewer
- Full Network Dual Streaming Control
- Variety of Ways Network Access via Network Client Software, Web-Viewer, CMS, and Mobile Viewer

DIMENSIONS



| MODEL | DV16D1 |
|----------------------------|---|
| Video Compression | H.264 |
| Video Input | 16 Composite (NTSC/PAL Auto Detection) |
| Video Output | 1 HDMI (Max. 1920x1080p60 and Various Resolution) 1 VGA (Max. 1920x1080p60 and Various Resolution) 1 CVBS (704x480 / 704x576) 4 SPOT (704x480 / 704x576) |
| Audio Compression | G.711 |
| Audio Input | 4 RCA |
| Audio Output | 1 RCA, 1 HDMI |
| Sensor Input | 16 TTL, NC/NO Selectable |
| Alarm Output | 4 Relay Out by Sensor, Motion and Video Loss |
| POS | 1 RS-232C (DSUB 9) |
| PTZ | 1 RS-485 |
| Keyboard Controller | 1 RS-485 |
| USB | 2 USB 2.0 (1 Front Panel and 1 Rear Panel) |
| Network | 1 Gigabit Ethernet (RJ-45), Auto MDI/MDIX |
| Multiple Operation | PentaPlex (Live/Recording/Playback/Backup/Network) |
| Live Zoom | Digital Zoom (Zoom-in of specific area) |
| Motion Detection | Yes |
| Recording Resolution | NTSC(704x480, 704x240, 352x240) or PAL(704x576, 704x288, 352x288) per Channel |
| Recording Quality | 5 Levels |
| Recording Mode | Continuous, Schedule, Motion, Sensor, Manual |
| Pre-Recording | Min. 15 seconds and Max. 20 minutes |
| Post-Recording | Min. 10 seconds and Max. 60 seconds |
| Watermarking | Yes |
| Search Mode | Timeline, Event, Archive, Log and First/Last/Specific Time |
| Playback Zoom | Digital Zoom (Zoom-in of specific area) |
| Playback Speed | x0.25, x0.5, x2, x4, x8, x16, x32 |
| Instant Playback | Yes |
| Backup File Format | JPEG(Snap Shot), Proprietary Format(Video Clip) |
| Backup Media | USB Stick/HDD(using by USB Port)/DVD |
| Huge Backup | Yes |
| Backup Player | Built-in Player for PC |
| Internal Storage | 4 SATA HDDs(without ODD) |
| External Storage | 2 e-SATA (up to 16TB) |
| S.M.A.R.T | HDD Error Check and Reporting using by Alarm and e-Mail |
| Filesystem | Self-developed, Reliable and Stable Filesystem |
| User Interface | Graphic User Interface, Mouse, IR Remote Controller and Keypad |
| Dual Streaming | Resolution, Frame Rate and Quality Control per Channel |
| PC Client | Live, Search/Playback, Backup and PTZF |
| Web Client | Live, Search/Playback, Backup and PTZF |
| Remote Setup | Yes |
| Remote Upgrade | Yes |
| 3G Mobile | Yes (iPhone, Android, Blackberry) |
| DST (Daylight Saving Time) | Yes |
| Multiple Language | Yes |
| NTP | Yes |
| DDNS | Yes |
| Protocols | RTP, RTSP, RTCP, HTTP, DDNS, NTP, SMTP, DHCP |
| Operational Condition | 5°C~40°C (41°F~104°F), Humidity 20~80% |
| Power | AC 100~120V/200~240V, 50/60Hz, 280W |
| Net Weight (Gross Weight) | 6.8 kg (9.0 kg) / 15.0 lbs (19.8 lbs) |
| Unit Dimension (W x D x H) | 432mm x 430mm x 98mm (17.00" x 16.92" x 3.85") |
| Certifications | CE, FCC, KCC |