

CP-1604HL-U

16 Channels 1U Standalone DVR



Main Features

- ⇒ 16 channel entry level 1U standalone DVR
- ⇒ Up to 16 cameras with SXGA(1280×1024) display
- ⇒ H.264 video compression algorithm ideal
- ⇒ Each channel 25/30fps at CIF or 6/7fps at D1 recording
- ⇒ Dual encoding streams supported
- ⇒ TV(BNC)/VGA synchronous video output
- ⇒ Supports 1 SATA HDD, 2 USB2.0
- ⇒ 16 channel simultaneous playback



| Feature | Specification |
|---------------------------|--|
| Processor | High Performance Embedded Microprocessor |
| Operating System | Embedded Linux |
| System Resources | Pentaplex Functions: live, Recording, Playback, Backup & Remote access |
| User Interface | GUI, on-screen menu tips |
| Control Devices | Front panel, USB Mouse, Control Keyboard, IR Remote control, Network Keyboard |
| Video Input | 16 Ch., BNC, 1.0Vp-p, 75Ω |
| Video Output | 1 Ch. TV Out BNC, 1.0Vp-p, 75Ω, VGA, Max. Res.:1280x1024 |
| Video Standard | PAL: 625 Lines, 50f/s; NTSC: 525 Lines, 60f/s |
| Compression | Video: H.264, Audio: G.711 |
| Video Resolution | D1(4CIF) NTSC:704x480, PAL:704x576, CIF NTSC:352x240 PAL:352x288, QCIF NTSC:176x120 PAL:176x144 |
| Video Recording | CIF/QCIF PAL:1FPS~25FPS, NTSC:1FPS~30FPS, 4CIF PAL:1FPS~6FPS, NTSC:1FPS~7FPS, 1st & 9th Ch. Full D1 |
| Extra Stream | QCIF PAL:1FPS~25FPS, NTSC:1FPS~30FPS, |
| Video Display Split | Full and Multiple Screen Display, 1/4/8/9/16 |
| Privacy Masking | 4 Self defined four sided zones for each camera |
| Camera Adjustment | Adjust color according to different time period |
| Video Information | Camera title, time, video loss, camera lock, motion detection, recording |
| Audio Input | 4 Ch. BNC, 200~280mV, 30KΩ |
| Bi-directional Talk Input | 1 Ch. BNC, 200~280mV, 30KΩ |
| Audio Output | 1 Ch. BNC, 200~280mV, 30KΩ |
| Motion Detection | Zones:396 (22*18) detection zones, Sensitivity:1~6 levels (level 6 is highest), Trigger Recording, PTZ movement, tour, alarm, email, matrix output |

| Feature | Specification |
|--------------------|--|
| Video Loss | Trigger Recording, PTZ movement, tour, alarm, email, matrix output |
| Camera Blank | Trigger Recording, PTZ movement, tour, alarm, email, matrix output |
| Alarm Input | 16 Ch. Programmable, ground, manual open/closed, Trigger Recording, PTZ movement, tour, alarm, email, matrix output |
| Alarm Output | 3 Ch., 30V DC, 1A, NO/NC, form-C |
| Hard Disk | 1 SATA Ports, 1HDD supported, Max 2TB per port |
| HDD Management | HDD Hibernation technology, HDD faulty alarm |
| Recording Mode | Manual, Continuous, Video Detection (including motion detection, camera blank, video loss), Alarm |
| Recording Priority | Manual>Alarm>Video detection>Continuous |
| Search Mode | Time/date, Alarm, Motion detection & exact search (accurate to second) |
| Playback | All Ch. Simultaneous playback, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection |
| Digital Zoom | Selected zone can zoom into full screen during live & playback |
| Backup Mode | Flash disk, USB HDD, USB CD/DVDRW, network download |
| Interface Ports | RJ45 x 1, USB 2.0 x 2, RS485 x 1 |
| Protocols | TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server |
| Remote Operations | Monitor, PTZ control, playback, system setting, file download, log information |
| Power Supply | 220V 50 Hz / 110V 60Hz |
| Power Consumption | 25W |
| Working Temp | -10°C~55°C |
| Working Humidity | 10%~90% |
| Dimensions | 1U, 375mmx285mmx45mm (W*D*H) |
| Weight | 2.35Kg without HDD |