

Professional 8CH H.264 Hybrid DVR Card Kit

PCIe interface, 240/200FPS@D1 recording, H.264/MPEG-4 compression

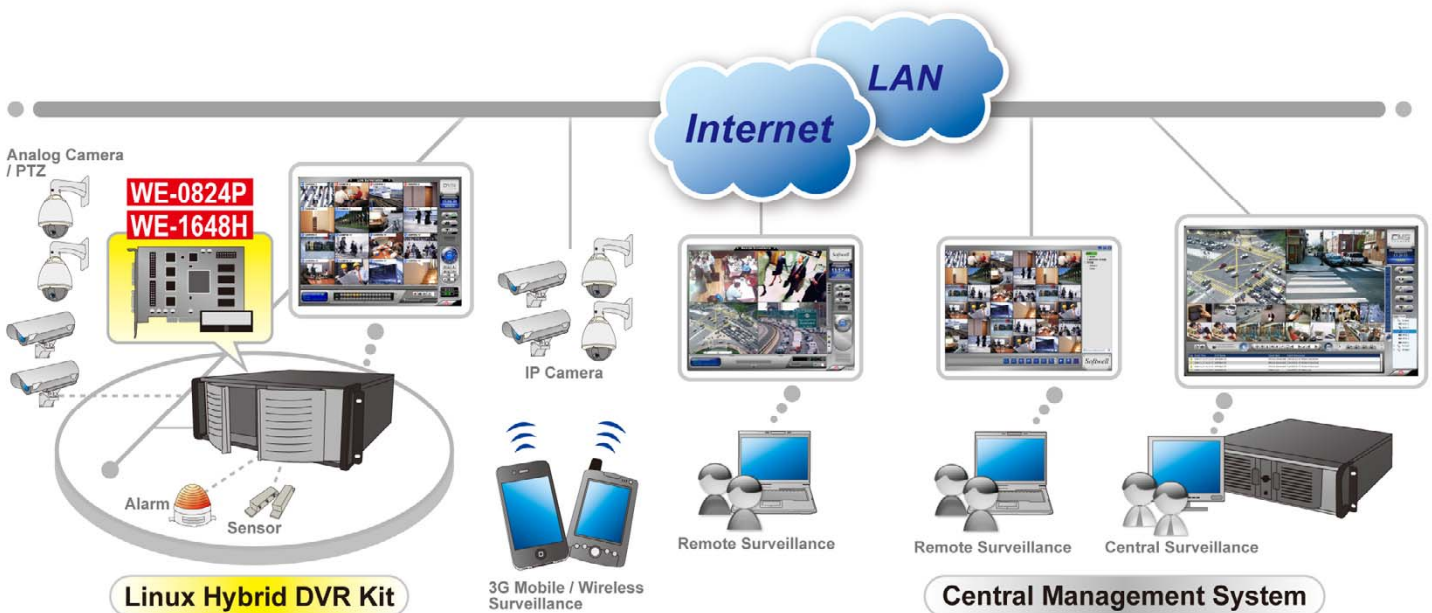
The Linux hybrid DVR kit is an all-in-one and simply plug-to-use hybrid DVR package. With H.264/MPEG-4 codec, it provides efficient hybrid surveillance with the best video quality. WE-0824P (8-CH analog + 8-CH IP camera, 240FPS@D1 recording, PCIe interface) can support up to 8+8 video inputs, 4+8 audio inputs, 8 digital inputs and 8 relay outputs and 1 spot output, providing intuitive user interface and management, high performance monitoring and recording, flexible alarm mechanism, and fully network remote access capabilities.

This whole package, including a DOM (Disk on Module) module which embeds Linux-based hybrid DVR system, a high performance video capture board, optional bracket, optional digital input/digital output module and optional USB dongle for IP camera license, which offers the best performance and stability for your hybrid surveillance application. You only need to insert the DOM module into the IDE/SATA slot and the video capture board into the PCIe slot of your PC, then it will function as a full-feature hybrid DVR system.



Features

- H.264/MPEG-4 compression technologies
- DVR software pre-installed in DOM module for rapid system deployment
- Enhanced Linux OS, well-protection against viruses and hackers
- Analog cameras hybrid with major brand IP/mega-pixel cameras and video servers
- 1920X1080 (16:9) and 1280X1024 (4:3) local display
- 240/200FPS@D1 analog camera recording and mega-pixel IP camera recording
- Windows® remote client supports Internet Explorer®, Mozilla Firefox® and Google Chrome® browser
- 3G mobile phone access via iPhone®, iPad®, Android®, BlackBerry® and Windows® Mobile phone
- Optional RAID level 0, 1, 10, 3, 5, 6 and JBOD to provide high-capacity storage and maximum redundancy



Specification

| Model No. | WE-0824P | |
|-------------------------|--|--|
| DOM | Preload Linux OS and hybrid DVR SW, SATA interface | |
| Board Interface | PCIe | |
| Video Type | D-type, composite 1.0Vp-p, 75Ω, BNC connector | |
| Video Inputs | 8 analog + 8 IP | |
| Audio Inputs | 4(Mono, RCA Line in) | |
| Resolution | NTSC:704X480, 704X240, 352x240 PAL: 704X576, 704X288, 352x288 | |
| Display Quality | Hue, Saturation, Brightness, Contrast (Day/Night Setting) | |
| Compression | H.264/MPEG-4 codec | |
| Video Processing | Noise Reduction, video quality enhancement | |
| Monitor | Support 1920x1080 and 1280x1024 VGA/DVI/HDMI | |
| Display Speed | NTSC : 240FPS ; PAL : 200FPS | |
| Display Information | Channel Label, current date/time, user account, recording mode, event status and HDD/RAID status | |
| Display Mode | 1, 4, 1+7, full screen and auto sequence | |
| Channel Control | Channel drag and drop, deinterlace(hybrid) | |
| Recording Speed | NTSC | Up to 240FPS@704x480; Up to 240FPS@704x240; Up to 240FPS@352x240 |
| | PAL | Up to 200FPS@704x576; Up to 200FPS@704x288; Up to 200FPS@352x288 |
| Recording Mode | Continuous, scheduled, event | |
| Recording Setting | Pre-event recording, resolution, quality, frame rate, cyclic overwrite and record file keeping days | |
| Recording Quality | Low, middle, high, excellent for VBR; 32K, 64K, 128K, 256K, 512K, 1M, 2M, 3M for CBR. | |
| Search Mode | Timeline (Display recorded data time table, 24 hours/10 minutes mode), file, event (motion, alarm) | |
| Playback Function | Forward and backward control: 1X, 2X, 4X, 8X, 16X, 1/2X, 1/4X, 1/8X, 1/16X; frame by frame; previous section, next section; S/W jog/shuttle for H/M/S; motion advance | |
| Event Type | Video motion (1-20 detection zones, 5 levels sensitivity controls, 10 level differentia control per channel), video loss, alarm input, storage abnormal, system boot/shutdown, system configuration changed | |
| Event Notification | Log, popup message, enlarge video, trigger alarm output, send email, alarm sound | |
| RAID | Software RAID-5, hardware RAID card (RAID level 0, 1, 10, 3, 5, 6, and JBOD, Option) | |
| Exportation | Video files and snapshot can backup to CD/DVD, USB storage and remote PC; Can export video as AVI/MKV format | |
| Self Diagnosis | System abnormal condition (built-in H/W watch dog will reset DVR System), HD abnormal conditions (auto-recover HD) | |
| Digital In/Out Type | Din: Dry contact closure, max. 5V DC Dout: Relay output, max. 0.5A 24V DC | |
| Digital In/Out (Option) | Max. 8 / Max. 8 | |
| Networking | Static IP/DNS, DHCP, DDNS, NTP/Rdate, SMTP, FTP, independent video stream for remote PC/Mobile phone, video stream connection time limit and outgoing bandwidth limit | |
| Remote Client | PC client for remote-site live display, playback, setup, snapshot, video clip export and backup; support CMS and mobile client | |
| User Level Management | Normal user and supervisor, normal user can restrict rights including login from local or remote site, set password from remote, view setup configuration, playback, export file, control PTZ, control alarm output and view log. | |
| System Management | Auto reboot, auto login (Account, screen division and auto switch), system log (Event and login log), configuration files backup/restore (CD/DVD, USB storage, remote PC), time zone, daylight saving, time sync (CMOS clock, NTP, Rdate server) | |
| S/W Upgrade | CD/DVD, USB memory stick and remote PC. | |
| Others(Optional) | Spot output(bracket)x1, USB dongle for Max. 8 IP camera license | |
| Dimension/Weight | 97 x 100mm, 40g | |
| Regulatory Compliance | FCC, CE and RoHS | |

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