

# Linux Standard Central Management System

*Cutting-edge Linux CMS platform for basic scale surveillance applications*

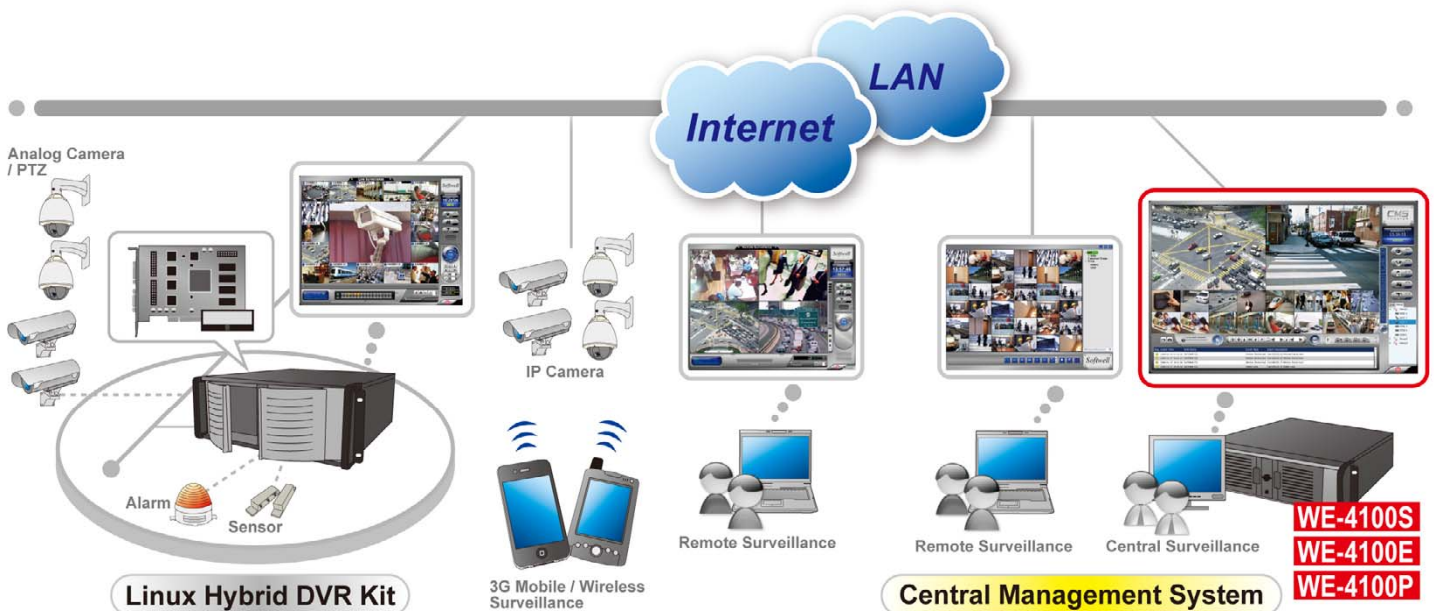
WE-4100S is a Linux-based central management system, using the most advanced digital surveillance and IP network technology, delivering a centralized DVR, hybrid DVR and NVR management platform for distributed and unmanned surveillance applications.

It features with a scalable architecture and enables remote live display, search/playback, device/event management from local server or any authorized PC workstations via IP network. WE-4100S can replace the expensive CCTV matrix switch and multiplexer equipments, thus significantly enhancing the functionality of all monitored devices and reducing related maintenance costs.



## Features

- CMS software pre-installed in DOM module for rapid system deployment
- Enhanced Linux OS, well-protection against viruses and hackers
- Manage Softwell's DVR, hybrid DVR, and NVR series recording devices
- Integrate analog/PTZ/IP/Mega-pixel cameras, video servers and alarm I/O via recording devices
- Live video matrix display, hierarchical eMap and remote playback
- Support dual monitors for efficient operation
- Comprehensive abnormal event log and alarm management
- Remote device diagnostic and status report
- Windows® remote client has the same functions as CMS local site
- Direct technical services for deployment assistance



## Specification

|                                  |   |
|----------------------------------|---|
| Model No.                        | <b>WE-4100S</b>   |
| DOM                              | Pre-loaded with Linux OS and CMS S/W, SATA or IDE interface   |
| Device Per System                | 32  |
| Camera Per System                | 128   |
| Alarm I/O Per System             | 128 / 128   |
| Surveillance Equipments          | Central manage DVRs, hybrid DVRs, NVRs, and major brand IP cameras, Mega-pixel IP cameras and video servers   |
| Display Resolution               | 1600 x 1024, dual monitors support  |
| Matrix                           | Main screen: 1, 4, 6, 9, 12, 18, 24, 33, 48, 132, 192 screen split, auto switch, full screen and synchronized video and audio   |
| E-Map                            | Multiple layers E-Map   |
| Image Snapshot                   | Yes   |
| Video Playback                   | Simultaneously viewing different cameras videos with different time. Video search by cameras, date/time, events, and thumbnail-images. Supports all playback functions, snapshot, and file export   |
| Search Video                     | File, calendar and event search   |
| Playback Information             | Camera name, timestamp  |
| Playback Control                 | Rewind/forward speed control: 1/32X, 1/16X, 1/8X, 1/4X, 1/2X, 1X, 2X, 4X, 8X, 16X, 32X. Pause/frame by frame, previous 5 minutes, next 5 minutes, and stop  |
| Surveillance Equipments Settings | Supports DVR settings, such as camera location, camera name, image resolution, image brightness, DVR IP address, recording quality, recording schedule, etc   |
| Alarm Management                 | Through all alarm logs, surveillance equipments status, surveillance devices alarm logs to control all alarm events   |
| NTP                              | Supports NTP (Network Time Protocol) to keep all surveillance equipments having the correct time  |
| Event Type                       | Video loss, video motion, digital input, no recording, system abnormal, network failure, storage abnormal   |
| Event Notification               | Send Email, event log, event acknowledge, alarm buzzer, show event message on main screen, show event message/instruction/video on alarm management screen, show event video, event/device information on E-Map screen and show event video on network matrix system  |
| Exportation                      | Export to CD/DVD, USB storage and remote PC   |
| Windows® Client                  | Remote-site Windows® client   |
| System Log                       | System and online log   |
| Access Right                     | System admin, group admin and normal user, group admin can change group members, normal user can have rights including access video, playback video, export video/snapshot, view/modify configuration, view log, view digital input status, control digital output, change password (remote only), limit login time (remote only), use network matrix (remote only), and view log (remote only) |
| S/W Protection                   | USB dongle  |

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Digital Video Surveillance