



Features

- Real Time Display
- Recording Rate : 240fps (NTSC) / 200fps (PAL)
- Dual Codec (MPEG4/MJPEG)
- HDD : 320GB (Max. 1 Terra)
- Video Input : 16CH
- Pentaplex Operation
- PTZ Control : RS232, RS422/485
- Support Application S/W : Web Client, CMS System, PDA Viewer, Water Mark Viewer

| System Overview

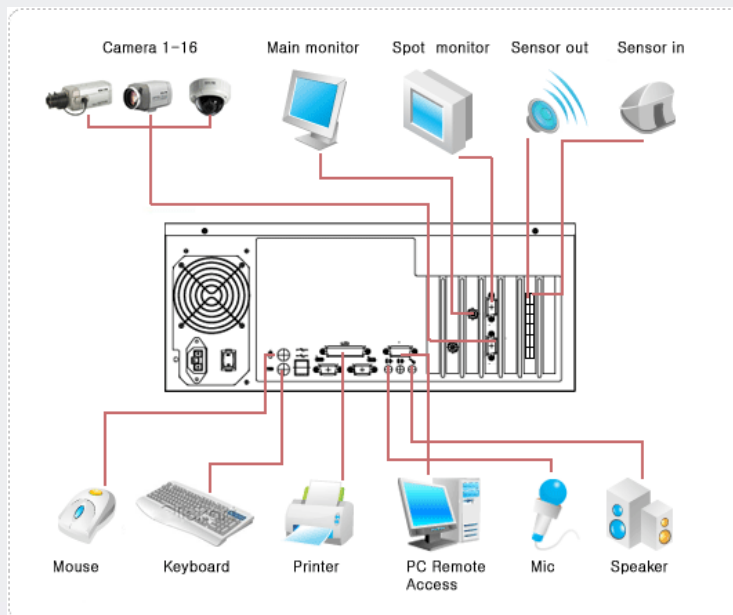
CNB's PC- Based DVR DSx Series offers high-performance with an array of features and provides a high-end product. CNB Dsx Series also provides high quality video resolution and real time monitoring & recording functions/

The multiple search and save methods for recorded events and automatic backup make the DSx Series one of the most Unique system in the surveillance industry. By using audio recording and external backup devices such as CD-RW or USB Devices, it provides an easy to use solution for your surveillance needs.

| Feature

- Max. 16Ch Video Inputs
- Maximum Internal Storage Capacity of 1TB
- Supports Multiple Resolution up to 720x480(NTSC), 720x576(PAL)
- Monitor Viewing
- Motion Detection, E-map Function, Privacy Zone Masking
- Supports Audio Recording
- Supports Multiple Viewer (Single Viewer, PDA Viewer, Web Client)
- Image Compression : MPEG-4
- CMS Program based on the Network Management System
- Two-way Audio Communication

| System Diagram



Surveillance Mode

Display 1,4,6,8,9,10,13,16CH Screen split
 Max. 480fps(400fps:PAL) real time Monitoring &
 240fps(200fps:PAL)recording
 Motion / Sensor / Terror prevention Recording Mode
 PTZ control up to 16cameras
 1CH Viewer
 Log/Event Viewer
 E-Map (Full Screen)



Search Mode

Panorama/Object/Event Search
 Book Mark Search



E-map Function

Displays the monitoring area on the electronic map,
 where operators can easily locate cameras,
 sensors and alarms
 E-map files can be selected as much as it can from the
 connected DVR systems

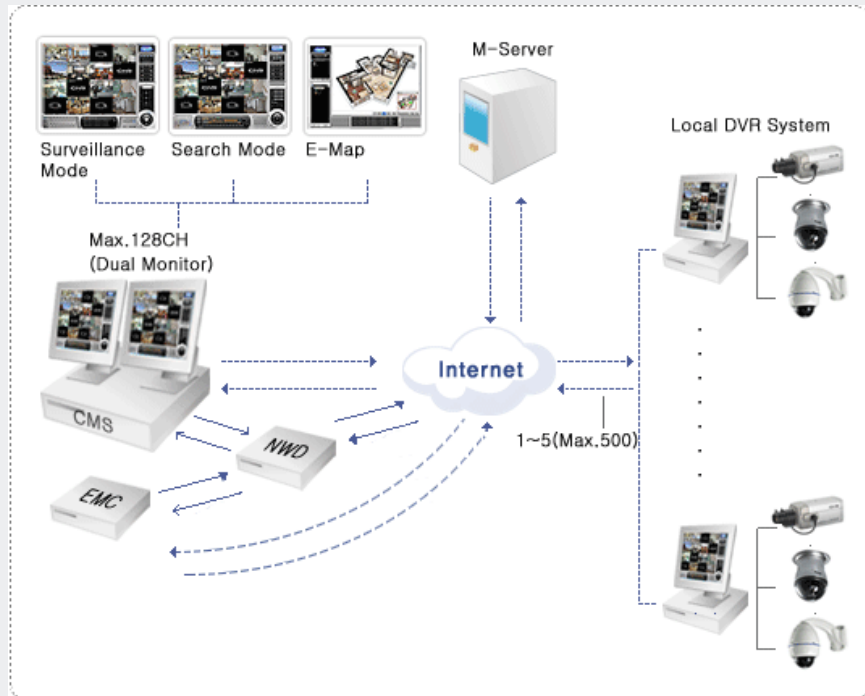


E-map Function

Management : Display 1,4,6,8,9,10,13,16CH Screen split
 Remote PTZ Control
 Monitoring camera and sensor status
Remote Surveillance : Picture Snapshot



| CMS System Overview



| Specifications

Model	DSS 4824
Channel	16CH
Multi-Operation	Pentaplex Operation (Live Monitoring / Recording / Playback / Remote access / Data Backup)
Compression	MPEG4 / MJPEG (Dual Codec)
Video Enhancing	Support Advanced Video Enhancing Image processing for Recording Image Quality
NTSC(PAL)	NTSC : 704x480 / 704x240 / 352x240 PAL : 704x576 / 704x288 / 352x288
Monitoring	Real Time Live Monitoring
Monitoring Mode	Overlay / DirectDraw RGB / DirectDraw YUY2
Recording Rate	240 (200) fps
Recording Mode	Schedule (Time, Motion, Alarm), Holiday, Emergency
Emergency Recording	Records at highest recording speed and image quality
Recording Data	Independent File System
Motion Detect	Free Area Division Time-Line Search
Search Mode	Object trespass / Object Stealth Search Panorama Search Event Search (Motion/Sensor/Alarm) Thumbnail Search
Quick Play Mode	Support One Channel Viewer (Search before 5 min / Live / PTZ / Save to AVI & Still image)
Ethernet Network 10/100M	DDNS, Multi-user Connection, E-mail notification TCP/IP, xDSL, Etc
Sensor In/Out (Optional)	In : 8/16 (NO/NC Selectable) Out : 4/1(Relay Output)
Audio (Optional)	2CH In / 1CH Out (PC Device) 8/16 in (Optional) Support Two-Way Audio
User Level Protection	Details User Level Authority Setup (All Functions)
PTZ Control	RS485 (Com port)
Multi-Language	Support Unicode table (English / Korean / Japanese / France / Etc.)
Simple backup	Book Mark : Support display / Save to AVI & Still Image
Backup Device (Optional)	Support CD-RW or DVD-RW Web Client : Internet Explorer CNB CMS System :
Support Application S/W	Max 128CH Monitoring, Remote recording, Event Trigger Support Hybrid remote access with IP Camera / Standalone DVR PDA Viewer, Water Mark Viewer
Operating System	Windows XP, Main PC DVR S/W : CNB Ver.3