

Powerful Network Integration Surveillance System Solution



4CH/8CH/16CH PC Based DVR System
CNB-DSx Series

Max. Real Time Display and 240fps Recording
Supports Multiple Resolution up to 720x576
Supports Audio Recording
Image Compression : MPEG-4
E-MAP Function : Marks the spot in the map
CMS Program : Monitor and Manage up to 50 DVRs
Two-way Audio communication

THE WORLD'S BEST NETWORK SOLUTION DVR



CNB DVR series offers high-performance with an array of features and provides a high-end product. CNB DVRs also provide distinct user-friendly functions and features such as high quality video resolution, real time monitoring and a max 240/200fps (NTSC/PAL) recording speed.

The multiple search and save methods for recorded events and automatic backup make the CNB DVR series one of the most unique in the surveillance industry. By using audio recording and external backup (FDD or CD-RW), it provides an easy to use solution for your surveillance needs.

Our CMS Program based on the Network Management System which allows; live monitoring, recording, searching and control up to 50 DVRs simultaneously and display up to 36 cameras at the same time. In addition, two-way audio (voice) communication, which operates based on the network connection, enable users to speak with each other.

I Specifications

Model	DSE0606	DSE1212	DSE2424	DSS0606	DSS1212	DSS2424	DSS4806	DSS4812	DSS4824
Video Input	8CH			16CH					
Display(fps)	60	120	240	60	120	240	Real Time Display		
Recording(fps)	60	120	240	60	120	240	60	120	240
Audio Recording	2CH (Default)								
Network	LAN, PSTN, xDSL								
DVDD(Sensor/Alarm)	8 In / 4 Out								
PTZ Control	RS-232, RS-422/485								
Video Compression	MPEG-4								
OS	Windows XP								
HDD	120GB (Max. 1 Terra)								
Case	Industrial 4U Size Case or 2U Size Case								

HIGH QUALITY IMAGE / MULTIPLE FUNCTIONS

I 480fps Live display and 240fps Recording

The CNB-DSx series provides 30fps of high quality video per channel, providing a maximum 480fps of full motion video for 16 channels.

The MPEG-4 based video processing allows an outstanding recording speed of 240fps, which exceeds most recording requirements.



I Various functions



DVR Main Software Surveillance Mode

- Display 1, 4, 6, 8, 9, 10, 13, 16CH screen split
- Max. 480fps(400fps PAL) live monitoring
- Motion / Sensor recording
- PTZ control up to 16 cameras

Search Mode

- Search by Calendar, File, Panorama, Object Search

Backup Mode

- External backup: FDD, CD-RW, USB, Etc.



CMS(Central Management Station) Management

- Max. 50EA DVR connected via network
- Remote DVR configuration
- Remote PTZ and Alarm control
- Supports Dynamic IP

Remote Surveillance

- Max. 38CH live display and recording
- Drag and Drop camera positions
- E-Map for notifying camera positions
- Remote search



Web Client Software Management

- Display 1, 4, 6, 8, 9, 10, 13, 16CH screen split
- Remote PTZ and Alarm control
- Monitoring camera and sensor status

Remote Surveillance

- Max. 16CH Live Display and Recording
- Picture Snapshot

I Large Capacity Storage and Divers Backup Device

The CNB-DSx Series is fully equipped with four internal HDDs (optional CD-RW)

DVR CAPTURE BOARDS

CNB-BDF0303 [4CH]



Features

- 4CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching
- Display : 30fps (NTSC), 25fps (PAL)
- Recording : 30fps (NTSC), 25fps (PAL)
- Resolution
NTSC : 320x240, 640x480
PAL : 320x288, 720x576
- DI/DO : 4 Input/4 Output (Option : CNB-DI00804)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP

DVR CAPTURE BOARDS

CNB-BDS0606/BDE0606/BDF0606 [16CH/8CH/4CH]



Features

- 16CH/8CH/4CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching
- Display : 60fps (NTSC), 50fps (PAL)
- Recording : 60fps (NTSC), 50fps (PAL)
- Resolution
 - NTSC : 320x240, 640x480
 - PAL : 320x288, 720x576
- DI/DO : 8 Input/4 Output (Option : CNB-DIO0804)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP
- RealTime Display Option (CNB-OVERLAY480)

CNB-BDS1212/BDE1212/BDF1212 [16CH/8CH/4CH]



Features

- 16CH/8CH/4CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching
- Display : 120fps (NTSC), 100fps (PAL)
- Recording : 120fps (NTSC), 100fps (PAL)
- Resolution
 - NTSC : 320x240, 640x480
 - PAL : 320x288, 720x576
- DI/DO : 16 Input/8 Output (Option : CNB-DIO1608)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP
- RealTime Display Option (CNB-OVERLAY 480)

CNB-BDE2424[8CH]



Features

- 8CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching
- Display : 240fps (NTSC), 200fps (PAL)
- Recording : 240fps (NTSC), 200fps (PAL)
- Resolution
 - NTSC : 320x240, 720x480
 - PAL : 320x288, 720x576
- DI/DO : 8 Input/4 Output (Option : CNB-DIO0804)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP
- RealTime Display Option (CNB-OVERLAY 480)

CNB-BDS2424[16CH]



Features

- 16CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching
- Display : 240fps (NTSC), 200fps (PAL)
- Recording : 240fps (NTSC), 200fps (PAL)
- Resolution
 - NTSC : 320x240, 720x480
 - PAL : 320x288, 720x576
- DI/DO : 16 Input/8 Output (Option : CNB-DIO1608)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP
- RealTime Display Option (CNB-OVERLAY 480)

CNB-BDS4824/BDS4812/BDS4806 [16CH/Real Time Display]



Features

- 16CH Video Input (NTSC/PAL)
- Video Out : 1 Ch Switching, 1 Ch Mux
- Display : Real Time Display
- Recording : 240/120/60fps (NTSC), 200/100/50fps (PAL)
- Resolution
 - NTSC : 320x240, 720x480
 - PAL : 320x288, 720x576
- DI/DO : 16 Input/8 Output (Option : CNB-DIO1608)
- Built-in RS-422/485, H/W Watch-Dog on Board
- Compression Algorithm : S/W MPEG-4
- WDM Device Driver and SDK
- OS Requirements : Windows 2000, XP

MPEG-4 TRIPLEX STANDALONE DVR



NEW

SDF1212CD(4CH)
SDN2712CD(9CH)
SDS4812CD(16CH)



SDF1212(4CH)

- TRIPLEX operation : Simultaneous Record, Play, and Transmission
- Multi-Plexing operation : Individual Channel Recording, Playback, and Setting Functions
- Multi Channels Playbacks : Multiple channels (4/9/16) simultaneous playback
- USB port / CDRW(option) for AVI video backup
- RTOS, MPEG-4, Video Loss Check

I Specifications

Model			SDF1212 / SDF1212CD	SDN2712CD	SDS4812CD
Video	Input	Composite	4CH, 1.0Vp-p, 75Ω	9CH, 1.0Vp-p, 75Ω	16CH, 1.0Vp-p, 75Ω
		Signal Format	NTSC/PAL		
	Output	Main Monitor	1CH BNC, 1CH VGA	1CH BNC, 1CH S-VIDEO, 1CH VGA	
		Output Level	Composite 1.0Vp-p + 0.2, 75Ω		
		Signal Format	NTSC/PAL & VGA		
	Etc Output	8/16CH Loop-back, 1CH SPOT			
Audio	Input & Output		4CH Line input & 1CH Line output		
	Audio Codec		G.711		
Alarm	Sensor Input		4	9	16
	Alarm Output		1	4	4
Recording	Compression		MPEG 4		
	Frame Rate	NTSC/PAL : 360x240/288	MAX.120/100fps	MAX.120/100fps	MAX.120/100fps
		NTSC/PAL : 720x240/288		MAX.60/50fps	MAX.60/50fps
		NTSC/PAL : 720x480/576	MAX. 30/25fps	MAX.30/25fps	MAX.30/25fps
Recording Mode		Continuous / Schedule / Motion / Sensor / Manual			
Motion Detection		Motion detection setup by Grid			
Display	Frame Rate		NTSC/PAL : 30/25fps per channel, 60fields		
Playback	Multi-Decoding		1 & 4	1, 4, & 9	1, 4, 9, & 16
	Search Mode		Event, Archive, Log		
Storage	Internal HDD	Interface Type	EIDE/ATA133		
		Max Capacity of 1	500GB	500GB	500GB
		Max HDD Number	1	2	2
	Backup	USB2.0 port	Yes		
CDRW		Yes (Option)			
Serial port	Console & External Modem		1 RS-232C (9pin D-SUB connector)		
	Camera control		1 RS-485/422 (4 Terminal Block)		
	Dynamic IP support		Yes		
Network	Network Interface		10/100 base-T Ethernet (RJ-45)		
	Functions		Live, Search, Backup, PTZF Camera Control, CMS		
Dimensions	SDF1212		350(W) x 65(H) x 260(D)mm		
	SDF1212CD/SDN2712CD/SDS4812CD		430(W) x 90(H) x 260(D)mm		
Power			DV12V, 2.5A(SDF1212) 5A(SDF1212CD)		AC100-127V/200-240V, 50-60Hz



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