High Performance & High Reliability
Pentaplex Stand-alone DVR

FEATURES

◉ High quality video Display and Recording
◉ Compression: MPEG-4 for video, G.723 for Audio Multiple Search Categories
◉ Real time recording and Playback support
  - 480 Fps recording and playback for NTSC at CIF image (400 Fps for PAL)
◉ Continuous Recording in Disk Overwrite Mode
◉ Pentaplex: Simultaneously Live, Record, Playback, back-up and Network
◉ CD-RW (Option: DVD) Back up and USB 2.0 USB Memory Drive support

◉ User-friendly GUI Menu, Mouse Operation
◉ Display all state on the Character LCD
◉ PTZ camera control support
◉ 16 Alarm input, 4 relay output connection
◉ Static IP as well as Dynamic IP (DHCP, Floating IP) and DDNS support
  - Multi-user accessing support/ CMS support
◉ Audio Recording (16CH)and Playback (1CH)
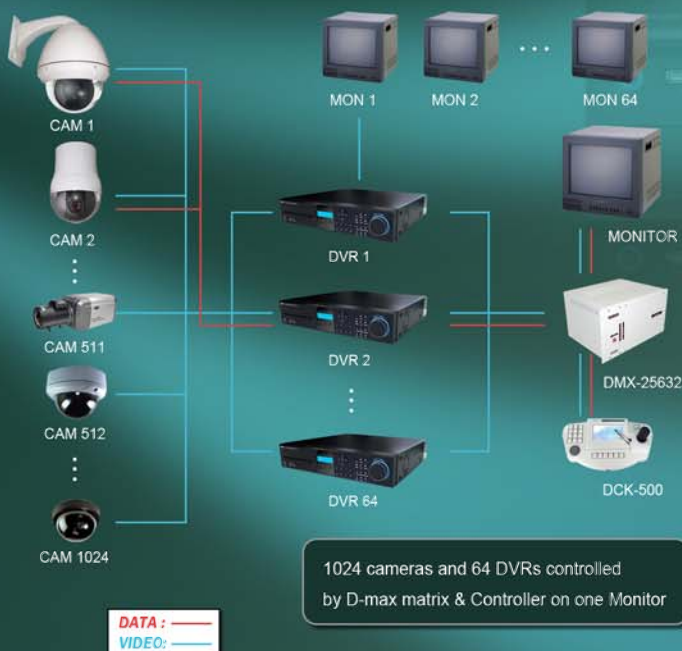◉ Can Control DVR by Controller, DCK-500A Up to 64pcs

File Player (File playback Software)
Each file playback
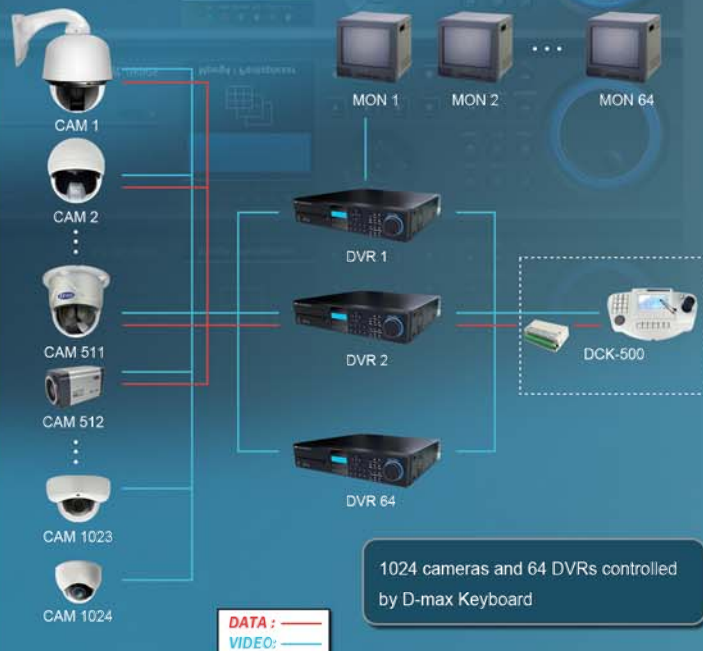File conversion (MPEG-4 to AVI)

Network Viewer S/W
(Main client viewing S/W)
Main network functions

DVR-0400S   Mpeg4 / Pentaplexer
DVR-0800S   Mpeg4 / Pentaplexer
DVR-1600S

SYSTEM CONFIGURATION 1

CAM 1
CAM 2
CAM 511
CAM 512
CAM 1024

MON 1   MON 2   MON 64
MONITOR

DVR 1
DVR 2
DVR 64

DMX-25632
DCK-500

1024 cameras and 64 DVRs controlled by D-max matrix & Controller on one Monitor

DATA : ─────
VIDEO: ─────

SYSTEM CONFIGURATION 2

CAM 1
CAM 2
CAM 511
CAM 512
CAM 1023
CAM 1024

MON 1   MON 2   MON 64

DVR 1
DVR 2
DVR 64

DCK-500

1024 cameras and 64 DVRs controlled by D-max Keyboard

DATA : ─────
VIDEO: ─────

Http://www.d-max.co.kr

SPECIFICATIONS

Description		DVR-0400S	DVR-0800S	DVR-1600S
Video	Input	4CH, composite Video, BNC	8CH, composite Video, BNC	16CH, composite Video, BNC
	Output	2CH (BNC), 1CH(SPOT), 4/8/16CH(Loop) S-Video(1CH), VGA Output (Max. 1024x768)		
Audio	Input/Output	4/8/16CH Input and 2CH Output (1ch audio playback for selected audio channel)		
Resolution	Display	4x4 Image (NTSC:720x480, PAL:720x576)		
	Recording	NTSC: 720x480, 720x240, 320x240, PAL:720x576, 720x288, 360x288 active pixels		
Compression	Algorithm	MPEG-4 for video, G.723 for audio		
Operation	OS	Embedded Linux		
	Pentaplex	Recording, Playback, Monitoring, Back up & Network at the same time		
	System control	Button, Remote Controller, Mouse		
Frame rate	Recording (FPS)	4CH video and audio real Time 120(352x240),60(720x480) NTSC 100(352x288),50(720x576) PAL 30 to 1 FPS for each channel	8CH video and audio real time 240(352x240),60(720x480) NTSC 200(352x288),50(720x576) PAL 30 to 1 FPS for each channel	16CH video and audio real time 480(352x240),120(720x480) NTSC 400(352x288),100(720x576) PAL 30 to 1 FPS for each channel
Recording	Recording mode	Continuous, Scheduled, Motion , Alarm Recording		
	Alarm (Event, Motion)	Selectable recording CH & pre-recording Duration: 30sec, 1,2,3,4,5,6,7,8,9,10,20,30,40,50 min		
	Alarm In/ Relay Out	16 (NO or NC) Alarm Input/ 4 NO and 4 NC Relay Out		
Playback	Normal, Fast PB And Search Jog & Shuttle	Normal: x1 speed Fast Forward: x2,x4,x8,x16 NTSC, PAL) FPS Fast Backward: x2,x4,x8,x16(NTSC, PAL) 480(NTSC)/ 400(PAL) Search list sorting support: All, alarm, motion, schedule and time.		
HDD	Management	SATA HDD Support (Max 2) Option.(Max 4)		
Network	Protocol	10/100 Base-T TCP/IP, UDP, HTTP, SMTP, NTP, DHCP, DDNS		
	Network Function	Live Monitoring, Remote Configuration, PTZ control, Backup and Playback, Web (IE) viewer, Event Notification, Multi-user accessing, Two way audio support. CMS software		
	Time Setting	Network Time Protocol Support		
PTZ	Pan/Tilt/Zoom	RS485		
Archiving	Copy	CD R/W (or DVD) and USB 2.0 for data backup		
	USB 2.0	Firmware Upgrade via USB, System log file (USB Memory drive)		
F/W upgrade	Network/ USB2.0	Firmware Upgrade via USB, network		
Electrical	Power	DC 12V 5A, 50Hz/60Hz		

SYSTEM CONFIGURATION