Digi-IT Inc.
Digital Innovation Technology

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Simple
Powerful
Flexible

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DIGI-IT LEADS THE DVR INDUSTRY

Digi-IT, Inc. is an established company that produces the technology behind an amazing digital video recorder, providing solutions for all Windows platforms.
Digi-IT's experience and knowledge is at your service, providing security solutions around the world. We look forward to doing business with you.

- Windows XP/7/8 based
- 30/60/120/240/480/960/1920 frames per seconds(fps)
- Analog, TCP/IP, HD-SDI and fully combined systems
- Store more video with H.264 compression
- Multi server remote access
- Remote administration
- Local & Remote PTZ control
- POS / Data Interface
- Intelligent search engine
- Full screen view / playback
- Video authentication
- Executable, one-file backups
- Remote event notifications
- Multi-channel Audio
- TCP/IP video Interface

PC based DVR

- 4ch DVR
- 16ch DVR
- 16ch Pro DVR
- 32ch DVR
- 64ch Double DVR
- 8/16ch HW Comp. DVR
- 4/8/16ch 960H DVR

Software

- DVR Main
- NVR/Hybrid
- Web RMS
- PDA / Android & iPhone
- CMS Software
- POS-DVR
- LPR
- VCA

Network Video Server

- DIP-100V with D1
- DIP-400V with D1
- DIP-400L with D1

IP Camera

- DIC-1000V(Dome)
- DIC-1100MV(Box Type)
- DIC-3500MV(Dome)
- DIC-4500V(PTZ Dome)
- DIC-6500V(IR Bullet)
- DIC-7500V(IR Dome)
- DIC-6602HD(IR Box)

HD SDI-DVR

- 4/16ch HD-SDI-DVR
- HD Camera (Box Type)
- HD Camera (PC-Dome)
- HD Camera (IR Bullet)
- HDZ-220 (20x Zoom)

Stand-Alone DVR

- DIS-2000 (8ch)
- DIS-4000 (16ch)
- DIS-E Series
- DIS-F Series

Conveniently Managed

Digi-IT provides simple convenience with an easy to use, intuitive interface. It features 1, 4, 9, 10, 16, 25, 32 and 64 channel split screens on up to 4 monitors, plus analog output to composite monitors. You can zoom single or multiple cameras to full screen. Pan/Tilt/Zoom controls directly from the live or remote screens can control all PTZ cameras with the built-in RS-232/422/485 or TCP/IP interface.

It's so Simple!

Powerfully Stored

Simple to playback with a graphical time/date interface. Search forward, backward, slow motion, pause, or even by video contents. You can zoom in to pick up extra detail, adjust contrast and clarity, and then record your images as BMP, JPEG or full-motion AVI files. You can also record the native video with a built-in player to give to authorities or save as an incident record.

It's so Powerful!

Perfectly Configured

Each camera can be separately configured for frame rate, motion areas, compression, recording method and more. Now you give that important camera additional frames, and leave the back room to record just when needed. Then, set cameras for remote notification-just in case. Define notifications and events further by user of our Video Content Analytics.Users can be separately defined as well. You can also incorporate TCP/IP and analog cameras into one easy to use system, giving unmatched flexibility.

It's so Flexible!

PC Based DVR Board

Specification

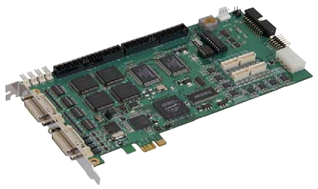
			S/W Capture Board				H/W Capture Board	HD-SDI Board
			4 channel · DIT-4	16 channel · DIT-1200Pro · DIT-2400Pro(EX) · DIT-4800Pro(EX)	32 channel · DIT-2400/32EX · DIT-9600	960H Board · DIT-EF4 · DIT-2400EF	16 / 32 channel · DIT-4800D · DIT-9600D	4 channel · DIT-HD4
Video	Compression	M-JPEG, MPEG-4, H.264 (configurable)	·	·	·	·	Hardware H.264	Hardware H.264
	Resolution NTSC/PAL	320x240, 640x240, 640x480, 720x480, 352x288, 704x288, 704x576, 720x576	·	·	·	960x480, 960x240, 720x480, 480x240, 352x240 / 960x576, 960x288, 720x576, 480x288, 352x288	720x480, 352x240 / 720x576, 352x288	1920x1080 (1080P), 960x540, 480x270/ 1280x720 (720P), 640x360, 320x180
	Display Rate	Images per second (PAL) max	25 fps	100 fps 200 fps 400 fps	200 fps 800 fps	100 fps 160 fps	400 fps 800 fps	100 fps
	Image Integrity	Watermark with authentication software	·	·	·	·	·	·
	Video Format	NTSC or PAL	·	·	·	·	·	·
	Video Inputs	Analog or HD-SDI input	4	16	32	4/8/16	16/32	4
	Multi-board	Multi-board	X2 (8ch)	X2 (32ch)	X2 (64ch)	X2 (8/16/32ch)	X2 (32/64ch)	up to 4 (up to 16ch)
	Main Monitor Output	VGA	·	·	·	·	·	Full HD
	Spot Monitor Output	Composite video signal 1 Vp-p / 75 RCA	RCA (1)	RCA (1/1/1)	RCA (4/4)	RCA (1/1)	RCA (2/2)	N/A
Record /Search	Record Rate	Images per second (PAL) max (scalable fps / res. Per camera)	25 fps	100 / 200 / 400 fps	200 / 800 fps	100 / 160 fps	400 / 800 fps	100 fps
	Record Mode	Time and event, event, schedule time, motion detection, alarm, manual, advanced camera settings (scalable fps / res. Per camera)	·	·	·	·	·	·
	Playback Search	By object, timeline, date, event	·	·	·	·	·	·
	Picture Zoom	0.25 x to 100 x	·	·	·	·	·	·
	Multiplex	Pentaplex (5 Functions): Playback, setting, Live view, network backup, media duplication	·	·	·	·	·	·
Audio	Audio Input	System Audio	1	1	1	1	1	1
		Channel mic (3mV) or Line level (150mV)	1	16	16	2 / 8	16	N/A
	Audio Output	1Channel mic or line level	·	·	·	·	·	·
Back up	Backup Type	Schedule, concurrent	·	·	·	·	·	·
	File Format	EXE, AVI, BMP, JPEG, raw	·	·	·	·	·	·
Alarm	Alarm Input	Dry contact (N/O, N/C)	4	16	16 / 32	4 / 16	8(16)	8(16)
	Alarm Output	Dry contact (N/O)	4	4	4(8)	4 / 4	8(16)	8(16)
	Video Loss	Available	·	·	·	·	·	·
	Motion Detection	Adjustable with board test application	·	·	·	·	·	·
Remote Software	Remote View	Simultaneous multi-site capability	·	·	·	·	·	·
	Remote Playback	Local and remote	·	·	·	·	·	·
	Remote Access	Simultaneous multi-user viewing	·	·	·	·	·	·
	Remote Audio	2-way audio communication	·	·	·	·	·	·
	Remote Backup	Offsite Emergency, schedule	·	·	·	·	·	·
	Remote Setup	Configure settings offsite, custom TCP / IP port configuration, Dynamic IP ready	·	·	·	·	·	·
	Remote Security	Multi-level user access control	·	·	·	·	·	·
	Web View	Live	·	·	·	·	·	·
System	Operating System Network Support	MS Windows XP / 7 / 8, LAN, WAN, ISDN, PSTN, High speed internet	·	·	·	·	·	·
	RS-232/RS-485	Available, (PTZ)	·	·	·	·	·	·
	Security	User ID and password for remote / Local access	·	·	·	·	·	·

DIT-4 (4 channel)
- Display 25 / 30 fps
- Recording 25 / 30 fps

DIT-1200PRO (16 channel)
- Display 400 / 480 fps
- Recording 100 / 120 fps

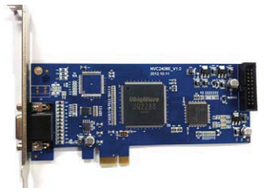
DIT-2400PRO/EX (16 channel)
- Display 400 / 480 fps
- Recording 200 / 240 fps

DIT-4800PRO/EX (16 channel)
- Display 400 / 480 fps
- Recording 400 / 480 fps

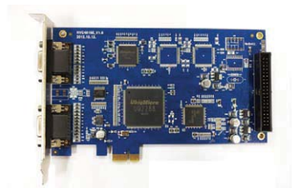


DIT-2400/32EX (32 channel)
- Display 200 / 240 fps
- Recording 200 / 240 fps

DIT-9600 (32 channel)
- Display 800 / 960 fps
- Recording 800 / 960 fps

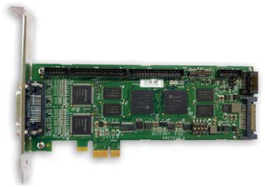


DIT-EF4 (4 channel)
- Display 100 / 120 fps
- Recording 100 / 120 fps
- 960H DVR Board

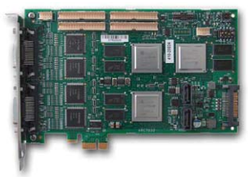


DIT-2400EF (8/16 channel)
- Display 200 / 240 fps
- Recording 200 / 240 fps
- 960H DVR Board

DIT-HD4 (4 channel)
- Display 100 / 120 fps @ 720P / 1080P
- Recording 100 / 120 fps @ 720P / 1080P
- Full HD DVR Board(1920x1080)



DIT-4800D (16 channel)
- Display 400 / 480 fps
- Recording 400 / 480 fps
- H.264 D1 H/W Compression Board



DIT-9600D (32 channel)
- Display 800 / 960 fps
- Recording 800 / 960 fps
- H.264 D1 H/W Compression Board

3rd party IP product

Interfacing with the Network Video Server

Connect with various network video servers, with each server utilizing up to 64 channels of analog or IP cameras.

Combine Capture Cards and Network Video Servers

Freely combine capture cards and network video servers, with up to 64 channels of video.

Supports and Expands the functions of the main DVR software

Specification

Model	Network Video Encoder		
	DIP-100V	DIP-400V	DIP-400L
Picture			
Video Input	1ch	4ch	4ch
Compression	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG
Dual Stream	V	V	
Maximum Resolution	D1 (720x576 / 720x480)	D1 (720x576 / 720x480)	D1 (720x576 / 720x480)
FPS	25 / 30 fps	100 / 120 fps	100 / 20 fps
Audio In / Out	1 / 1	4 / 1	2 / 1
DI / DO	2 / 2	4 / 4	4 / 4
Video Analytics-VCA presence	V	V	
Video Analytics- VCA surveillance	Option	Option	
Video stabilizer-STBeIp	Option	Option	
USB 2.0	V	V	V
SD Memory	V		
PoE	V		V

Features

- D1 full frame rate network video encoder
- Full Line - from 1channel to 4channel encoder(combine to 64channel)
- Multi CODEC Support: H.264, MPEG4, MJPEG (Dual Stream)
- Built-in Video Contents Analysis (Option)

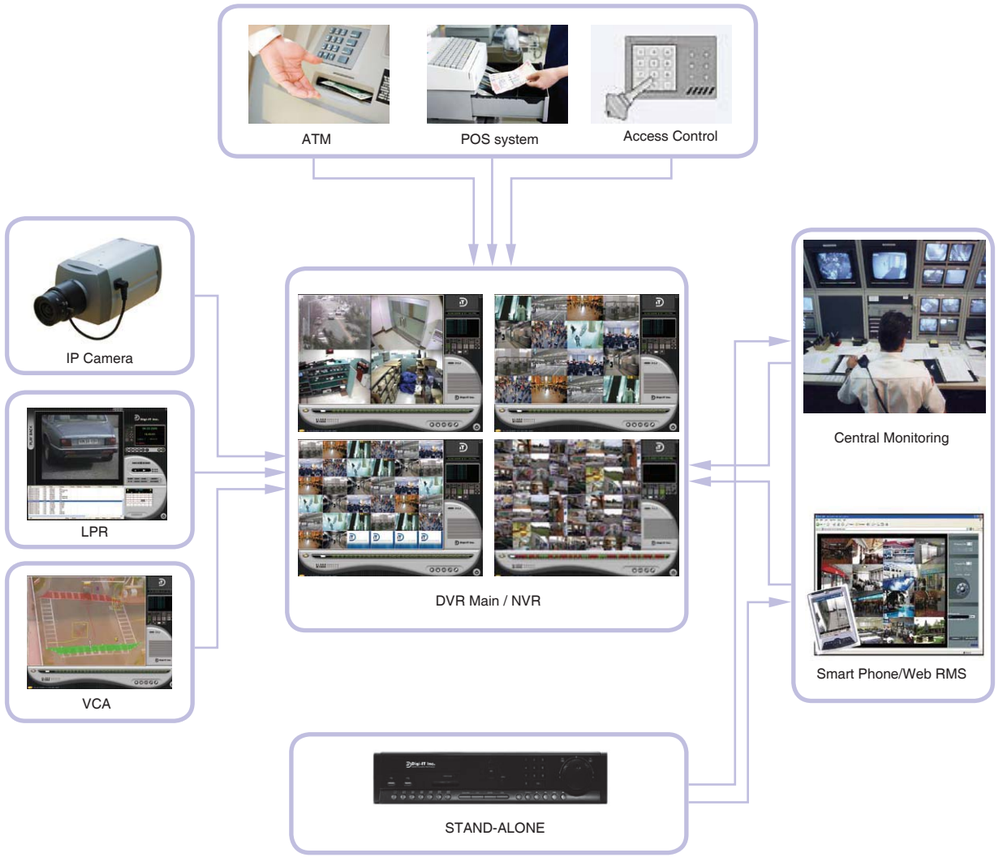
IP Camera

Specification

Model	Fixed Dome IP camera	PTZ Speed Dome IP camera			Fixed Box IP camera	IR IP Camera	
	DIC-1000V	DIC-4100V	DIC-4500V	DIC-5510V	DIC-1100V	DIC-6500V	DIC-7500V
Picture							
Image Sensor	1/4"CMOS	1/4" Exview CCD	1/4" Exview CCD	1/4" CCD	1/3" CCD	1/3" CCD	1/3" CCD
Lens	3.6mm F2.0, Board Type	36 X Optical F1.6~F4.5 f=3.4~122.4mm	36 X Optical F1.6~F4.5 f=3.4~122.4mm	12X Optical F1.67~1.88, f=3.94~46.05 mm	CS Mount	3.5~16mm DC Auto Iris, 54 IR LEDs, IR Range-40M	3.3~12mm F1.2 DC Auto Iris, 30 IR LEDs, IR Range-20M
Day & Night	S/W Day & Night	Removable IR-cut filter	Removable IR-cut filter	Removable IR-cut filter	Removable IR-cut filter	Removable IR-cut filter	Removable IR-cut filter
Minimum Illumination	3.0 Lux DSS Off 0.1 Lux DSS On	0.1 Lux(50 IRE) 0.01 Lux (ICR On)	0.1 Lux(50 IRE) 0.01 Lux (ICR On)	0.2 Lux (50 IRE), 0.04 Lux (ICR On)	0.3 Lux /F1.2[50 IRE] 0.002 Lux [Sens-up]	0.14 Lux (30 IRE)	0.14Lux (30 IRE)
WDR		V	V	Digital WDR		Digital WDR	Digital WDR
Analog Video Out		V	V	V	V	V	V
Compression	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG
Dual Stream	V	V	V	V	V	V	V
Maximum Resolution	VGA (640x480)	D1 (720x576/720x480)	D1 (720x576/720x480)	D1 (720x576/720x480)	D1 (720x576/720x480)	D1 (720x576/720x480)	D1 (720x576/720x480)
FPS	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps	25/30 fps
Audio In / Out	1/1	1/1	1/1	1/1	1/1	1/1	1/1
DI / DO	N/A	4/2	4/2	1/1	1/1	1/1	1/1
Video Analytics-VCA presence	V	V	V	V	V	V	V
Video Analytics-VCA surveillance	Option	Option	Option	Option	Option	Option	Option
Video Stabilizer-STBelp	Option	Option	Option	Option	Option	Option	Option
USB 2.0					V		
MicroSD		V	V	V	V	V	V
PoE					V		
Fan / Heater		Fan	Fan / Heater	Fan / Heater			
IR Protection Rating			IP66	IP66		IP66	IP66
Indoor / Outdoor	Indoor	Indoor	Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Outdoor Use					Requires weather proof housing		

Model	Megapixel IP Camera					
	DIC-1100MV	DIC-3500MV	DIC-1202HD	DIC-3102HD	DIC-3502HD	DIC-6602HD
Picture						
Image Sensor	1/3.2" 2M CMOS	1/3.2" 2M CMOS	1/2.7" 1080p CMOS	1/2.7" 1080p CMOS	1/2.7" 1080p CMOS	1/2.7" 1080p CMOS
Lens	3~8 mm, F1.0 Manual Iris	3.3~12 mm, F1.6 Fixed Iris, Board Vari-Focal	C/CS Mount selectable	3.0~9.0mmF1.2 Vari-Focal	3.0~9.0 mm F1.2 Vari-Focal	3.0~9.0mmF1.2 Vari-Focal Remote Zoom/Focus Control(One Click AF)
Day & Night	S/W Day & Night	S/W Day & Night	Removable IR-cut filter	Removable IR-cut filter	Removable IR-cut filter	IR Cut Filter Removal
Minimum Illumination	0.5 Lux [50 IRE] 0.1 Lux [DSS x5 ON]	0.5 Lux [50 IRE] 0.1 Lux [DSS x5 ON]	0.5 Lux (Color) 0.001 Lux (B/W, Sens-up 32x)	0.5 Lux (Color) 0.001 Lux (B/W, Sens-up 32x)	0.5 Lux (Color) 0.001 Lux (B/W, Sens-up 32x)	0.5 lux (Color) 0 lux (B/W, IR LED ON)
WDR						
Analog Video Out		V	V	V	V	V
Compression	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG
Dual Stream	V	V	V	V	V	V
Maximum Resolution	UXGA [1600x1200]	UXGA [1600x1200]	HD1080P (1920x1080)	HD1080P (1920x1080)	HD1080P (1920x1080)	HD1080P (1920x1080)
FPS	12fps(HD720) 5fps(UXGA)	12fps(HD720) 5fps(UXGA)	30fps@HD1080	30fps@HD1080	30fps@HD1080	30fps@HD1080
Audio In / Out	1/1	1/1	1/1	1/1	1/1	1/1
DI/DO	1/1	1/1	1/1	1/1	1/1	1/1
Video Analytics-VCA presence	V	V	V	V	V	V
Video Analytics-VCA surveillance	Option	Option	Option	Option	Option	Option
Video Stabilizer-STBelp	Option	Option	Option	Option	Option	Option
USB 2.0	V		V	V	V	V
MicroSD	V	V	V (SD)	V	V	V
PoE	V	V	V	V	V	V
Fan / Heater					Heater	Fan/Heater
IR Protection Rating					IP66	IP66
Indoor / Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor	Indoor	Outdoor	Outdoor
Outdoor Use	Requires weather proof housing					

PC DVR / NVR / HYBRID DVR SOFTWARE



- **Simultaneous Recording and Playback**

  Record up to 64 channels of video with continuous, time-lapse and event based recording modes.
  Record multiple video channels with simultaneous alarm conditions and motion detections.
  Also supports audio recording and text insertion.

- **Backup**

  Create backup files of recorded data onto a various devices such as HDD, CD/DVD, USB, or across a network on network drives, either manually or automatically.

- **Remote Access**

  Connect to multiple sites with multiple users at the same time. Our software also supports multiple monitors to provide more effective monitoring remote clients with up to 4 monitors.

- **User-Friendly Operation**

  Settings and menus are designed for non-expert users, so anybody can navigate the whole system without spending days learning how to operate it.

- **H.264 Compression**

  Store as much as 4 times the video in the same amount of disk space.

- **Multiple Picture Qualities and Resolutions**

  Configurations are so flexible; you can set each camera individually for resolution, compression, frame rate and recording events.

- **Video Content Analytics and Multi-Zone Motion Detection**

  Whole screen motion detection, or user defined areas of motion detection, with several detection areas for each camera, including video content analytics and people counting.

- **Scheduled Video Recording**

  Operate with 8 different recording modes, including alarm recording, scheduled recording, motion recording, VCA, audio or in combinations of each. Each camera and mode can be defined hourly, daily, or weekly.

- **Live View Shutdown**

  Shut down the live screen, while all the cameras continue to record.

- **Networking Support**

  Remotely connect to the server through multiple network configurations. You can also manually configure the ports of each DVR, allowing you to utilize a single high-speed connection to address multiple DVRs from a remote site.

- **Remote Connectivity Flexibility**

  Navigate and operate all system functions as if you were at the main system. Our remote interface is the same as the local server.

- **Pan / Tilt / Zoom**

  Control multiple PTZ camera formats, locally,and from a remote location or smart phone.

- **Watchdog**

  In the unlikely event system freezes, the system's watchdog feature will automatically reboot the system.

- **Audio**

  Monitor live audio, record, playback and backup audio on one or multiple cameras.

- **Data Integration**

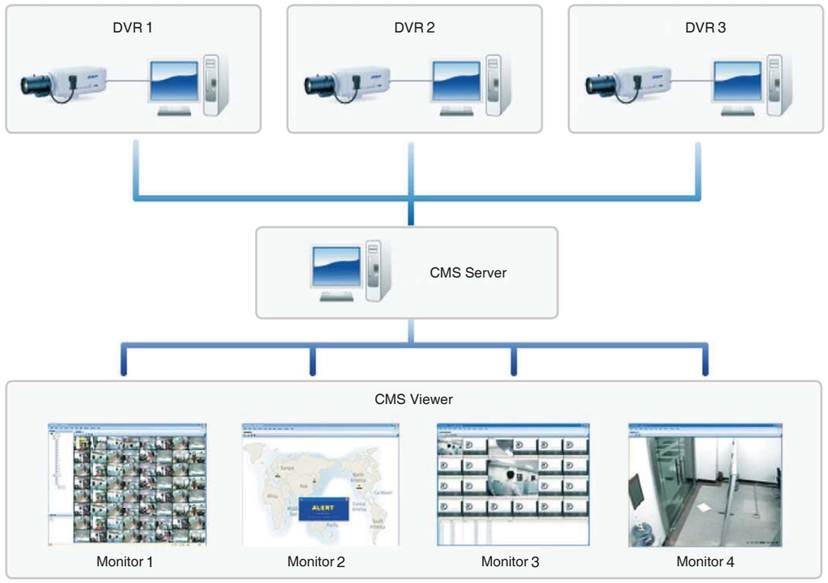
  Integrated feature such as POS(Point of Sale), Access Control, and other added modules make this not only easy to use, but provide easy solutions!

- **Multiple and Custom GUIs Available**

CMS Software

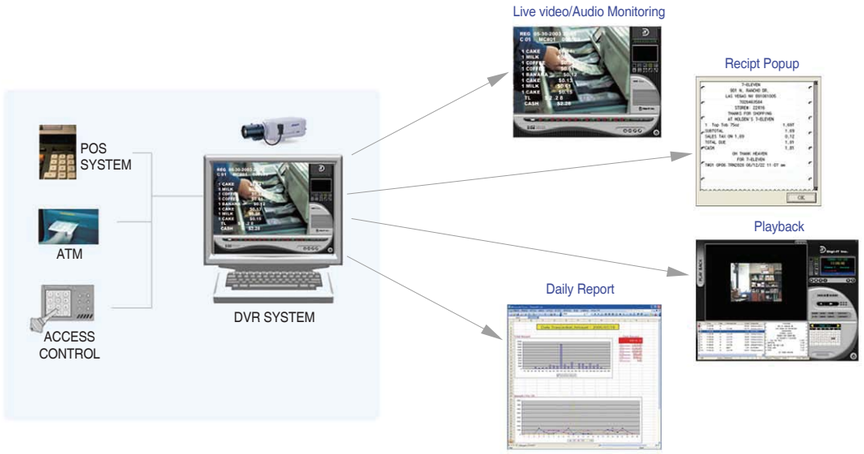
Digi-TI, Inc.'s Central Monitoring Station software connects you to all of your video, all of the time. It is a centralized video management system designed for monitoring centers and large coorporate users.

- Manage 1000's of Cameras from One Location
  - Manage all your cameras from one system
  - Monitor up to 50 DVR servers at the same time (more by custom license)
  - View up to 64 channels on each monitor (multiple monitors supported)
- View up to 8 Monitors from Just One Server
  - One Central Monitoring Server can be connected to multiple monitors for ease of prioritizing
  - Each monitor can display separate information (i.e., e-map, alarms, custom video recalls, etc.)
- Roll Over Management of Alarm Functions
  - Each system can monitor various and multiple alarm conditions from multiple DVRs
  - Can set various and separate actions (audible alert, display video, visual alert, email, save, etc.)
  - If one alarm is being monitored, subsequent alarms can be "rolled over" to the next station
- Global E-Mapping and DVR Mapping
  - Provides global area e-mapping and DVR server e-mapping
  - When alarms occur, the alarmed camera or DVR shows up on the E-Map, and separate video
- Remote Control of the DVR Server
  - The CMS is capable of controlling each DVRs in their remote location.
  - Supports and expands the RMS functions (including search, audio, setup and PTZ)
- Multi User Management Support
  - Supports multiple simultaneous users
  - Each user has different levels and permissions
- Scalable Software is Easy to Use
  - Easy to use Windows based interface
  - Developed through Windows MDI
  - Simultaneously display multiple windows
  - Drag & Drop cameras between windows and displays



POS / Access Control Integration

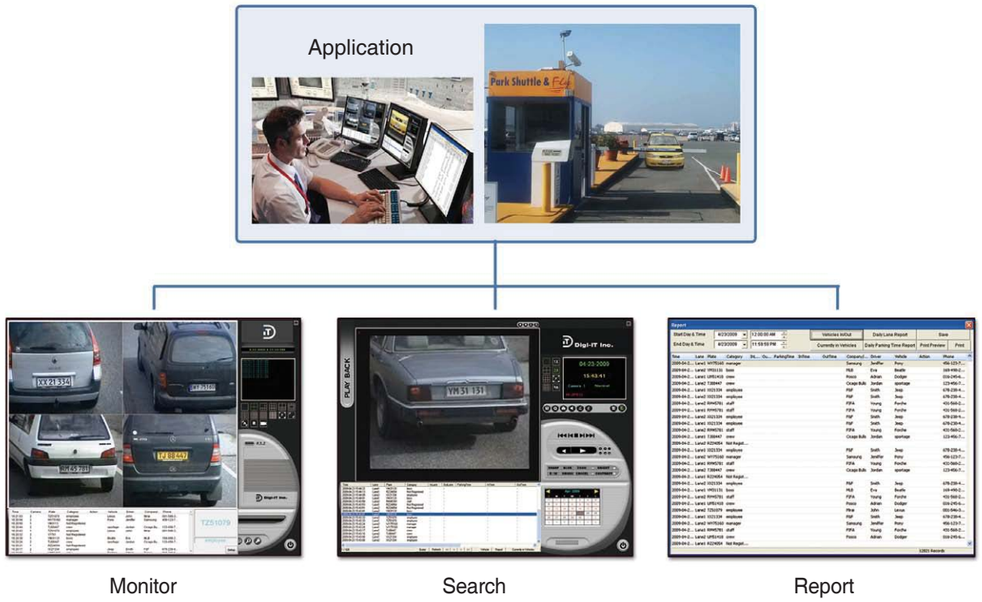
Our DVR/NVR systems, integrated with POS or access control data, provide visual context awareness to reduce shrinkage, protect assets, and minimize business losses.
Using our interface, you can directly integrate devices such as POS, ATM, access control, etc.



- POS Field Filter
  Use pre-defined transaction action code to search, or use our word matching search
- Serial & Ethernet Connection
  Up to 16 registers can be connected, using RS-232 or TCP/IP Connections
- Recording
  Auto-recoding begins immediately when a transaction starts
- Statistics/Report
  Daily transaction count reports and daily sales amount report provided.
- Customization
  Adjustable POS text font, text color, text alignment on screen
- Event Action
  Set events to be associated with action codes. When pre-defined action codes occur within a transaction, the system will provide audible alerts, screen pop-up, change text color, save video clips, etc.
- Available POS/Cash Register

ABSSystems	LD1000IBM	Score	Casio6100	Micros3700	Sharp
ClickON	7 Eleven	StartTSP7000	DresserWayne	NEC5000	StoreNext
EagleVision	Pace	Tacobell	EpsonAloha	Panasonic	TC150
EpsonCR	Panda	TicketPro	EpsonIStore	Passport	Topaz
Fujitsu1000	Pastel	Towa	Nucleus	PowerTill	TVS
Gilbarco	Rebel	Uniwell	Imron	RubyCR	VXS1000
KeretFuelPump	Sams4	Arch	Click	ComCash	ControlSoft
EJ0021	eLube	EpsonHRK	EpsonTM5000	GilbarcoSecu	Isonas
MediPost	MicrosHMS	Mikros	NCR7452	NCR7457	NCRATM
NCRPnP	PEC	PnP	Posiflex	Redwing	Retails
Spectrum-Epos					

LPR Parking Management Solution



Monitor Search Report

- Supports Multiple Lanes

  Read number plate from up to 8 lanes

- Save Number Plates into the LPR Database

  Each vehicle's license plate is read and saved into the LPR database along with the date and time of capture, lane entry/exit details, and options to store images to disk for retrieval at a later date

- Statistics/Report

  Vehicles entered and exited count, parking time reports, and currently parked vehicle reports available

- Vehicle Groups

  Provides categories for grouping vehicle, such as blacklisted, granted, employee names, etc. Each group defined can then be given specific actions such as audio or visual alerts, triggered relays, etc.

- Event Action

  Options are available to set audible alert tone and dialog box to your system informing you that a specific license plate was captured by the system

- Motion & Sensor Trigger

  Plate recognition can be triggered by either motion or sensor input

- Motion & Sensor Trigger

- Available Country version

  [America]
  ・USA ・Mexico ・Colombia ・Brazil ・Chile

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  ・UAE ・Bahrein ・Georgia ・Hongkong ・India ・Iran ・Qatar ・Kazahstan ・Kuwait ・Oman
  ・Saudi Arabia ・Singapore ・Taiwan ・Turkey ・Republic of South Africa ・Australia ・New Zealand

  [Europe]
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  ・UK ・Estonia ・Belarus ・Finland ・France ・Greece ・Netherlands ・Croatia ・Ireland ・Poland
  ・Latvia ・Liechtenstein ・Lithuania ・Luxemburg ・Macedonia ・Hungary ・Moldavia ・Montenegro
  ・Germany ・Norway ・Italy ・Russia ・Portugal ・Spain ・Switzerland ・Sweden ・Serbia ・Slovakia
  ・Slovenia ・Ukraine

LPR Camera

It is a critical to LPR systems to provide images of appropriate quality. Our LPR camera was developed to meet these needed requirements.

High Radiant Intensity technology provides LPR recognition during nighttime surveillance. Combined with powerful IR Illuminators, we deliver high performance in dark scenes (even at distance).

Model - DIC-5508

conventional / IR camera conventional / IR camera

- High performance 1/3" Sony Super HAD CCD / NTSC 410,000 pixel / PAL 471,000pixel
- Lens : 5 - 50mm Vari - focal, Auto iris External adjustment
- View range : Up to 100m / 328ft at 0 Lux darkness
- Beam angle : 25°
- Color image at night time
- Resolution : 480 TV Lines
- Operational Range : -20° ~ 60°
- Power Consumption : Under 11W

Video Contents Analysis-VCA

Features

VCA Presence - Basic

- Intruder and Perimeter Detection
- Camera Shake Cancellation
- Camera Tamper

VCA Surveillance - Optional

- Enter and Exit Detection
- Appear and Disappear Detection
- Stopping Detection
- Dwelling Detection
- Directional Detection
- Abandoned Object Detection
- Removed Object Detection
- Tailgating Detection
- Object Classification
- Speed Filter

VCA People Counting - Optional

- People/Vehicle Counting

Application Area

- Retail, Banking, Supermarkets and Commercial Facilities
- Counting people coming and/or the going
- Detect customers at the checkout
- Customer traffic flow and analysis
- Detect congested areas and / or under-used areas
- Estimate people in line (head counting)

VCA Monitor

- Tracking Display

  The tracking display window shows all moving and stationary targets that are currently being tracked.
  It displays objects in multiple colors, shows object height, speed, area, non-alarmed objects, and object classifications (i.e., person, vehicle, clutter, etc.)

- Event History

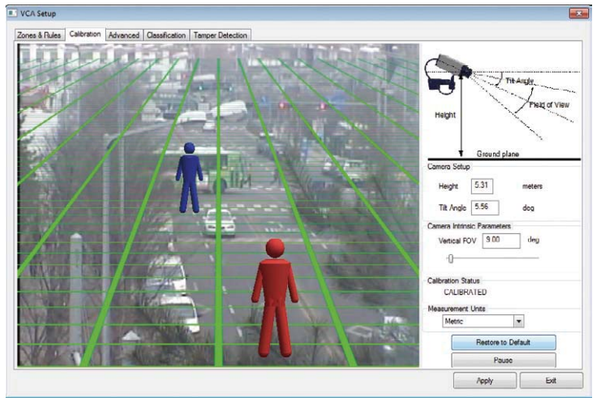
  The event history control shows the history of object that have triggered rules and generated alarms and can be used for easy playback of events

VCA Event Search/VCA Counter Search

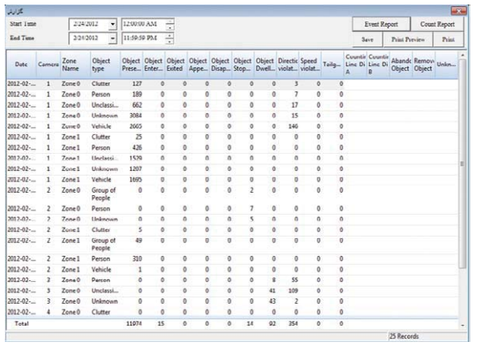
- During playback of recorded video, you can easily search specific events, classified objects or counter history.

Function

VCA Setup



- Camera Calibration
  In order to estimate object parameters, including height, speed, area and classification, the camera can be easily calibrated
- Object Classification
  The VCA can perform object classification once the camera has been calibrated. Object classification is based on the properties extracted from each object including object area and speed
- Configuration of Zones and Rules
  To create useful output, it is easily to configure detection zones and detection rules
- Counter
  Set detection rules to customize object counters



VCA Report

- Available VCA Reports
- VCA Event Report -
  Shows event history by type
- VCA Counter Report -
  Shows counter values by date

Stand-alone DVR (DIS Series)

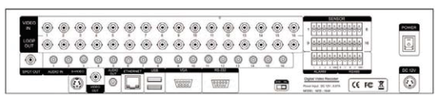
Specification

MODEL		DIS-2000	DIS-4000
Compression Algorithm		Video : H.264, Audio : G723	
HDD Bay	Internal	4 x SATA HDD (or 3 x SATA HDD + 1 x ODD), Max. 8TB(2TB/HDD)	
	External	4 x USB 2.0 (Can connect Max. 4 x USB-HDD for Extension, Mirroring & Backup)	
Operating System		Embedded Linux	
Multi-Operation		Pentaplex (Live, Recording, Playback, Backup, Network)	
Video	Input	8 Ch	16 Ch
	Loop-Out	8 Ch	16 Ch
Video Out	Monitor	1 x Composite, 1 x VGA & 1 x Spot Monitor	
	VGA Resolution	VGA Resolution : 800x600, 1024x768 & 1280x1024 (Selectable)	
Live Display Modes		1, 4, 9 & PIP, POP	1, 4, 9, 16 & PIP, POP
		Digital X2 Zoom	
Audio Input / Output		8 In / 1 Out	16 In / 1 Out
Sensor Input / Alarm Output		8 In / 4 Out	16 In / 4 Out
Port		4 x USB 2.0(Mouse/Memory Stick/HDD), 2 x RS-485(PTZ), 1 x RS-232	
LAN		10/100 Base-Tx Ethernet (RJ45) – Static / DHCP / DDNS	
Recording Speed (NTSC/PAL)	352x240/288(CIF)	240/200 fps	480/400 fps
	704x240/288(2CIF)	240/200 fps	480/400 fps
	704x480/576(D1)	240/200 fps	240/200 fps
Recording Modes		Continuous, Schedule, Sensor-Activated & Motion Detection Recording	
		Pre-Alarm(0~30 Sec.) & Post-Alarm(0~120 Sec), Emergency Recording	
Playback & Backup	Speed	Fast Forward/Backward(x1, x8, x64, x128), Step Forward/Backward	
	Search	Intelli-Search by Time, Calendar , Events and First/Last Search	
	Backup Device	USB Memory Stick/HDD, DVD-RW & Network by CMS	
	Backup File Format	AVI (With or Without Timestamp), PS (Playback in Backup-Viewer)	
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission)	

Front View

DIS-2000 (8ch)

DIS-4000 (16ch)



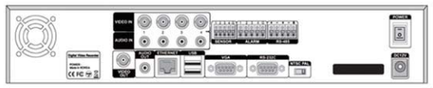
Stand-alone DVR (DIS-E Series)

Specification

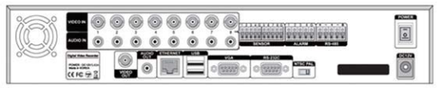
MODEL		DIS-E1000	DIS-E2000	DIS-E4000
Compression Algorithm		Video : H.264, Audio : G723		
HDD Bay	Internal	2 x SATA HDD (or 2 x SATA HDD + 1 x ODD), Max. 4TB(2TB/HDD)		
	External	4 x USB 2.0 (Can connect Max. 4 x USB-HDD for Extension, Mirroring & Backup)		
Operating System		Embedded Linux		
Multi-Operation		Pentaplex (Live, Recording, Playback, Backup, Network)		
Video	Input	4 Ch	8 Ch	16 Ch
	Loop-Out	X	X	X
Video Out	Monitor	1 x Composite (BNC, 1 Vp-p, 75 Ohm) & 1 x VGA		
	VGA Resolution	VGA Resolution : 800x600, 1024x768 & 1280x1024 (Selectable)		
Live Display Modes		1, 4 & PIP	1, 4, 9 & PIP, POP	1, 4, 9, 16 & PIP, POP
		Digital X2 Zoom		
Audio Input / Output		4 In / 1 Out	8 In / 1 Out	8 In / 1 Out
Sensor Input / Alarm Output		4 In / 4 Out	8 In / 4 Out	16 In / 4 Out
Port		4 x USB 2.0(Mouse/Memory Stick/HDD), 2 x RS-485(PTZ), 1 x RS-232		
LAN		10/100 Base-Tx Ethernet (RJ45) – Static / DHCP / DDNS		
Recording Speed (NTSC/PAL)	352x240/288(CIF)	120/100 fps	240/200 fps	480/400 fps
	704x240/288(2CIF)	120/100 fps	240/200 fps	240/200 fps
	704x480/576(D1)	120/100 fps	120/100 fps	120/100 fps
Recording Modes		Continuous, Schedule, Sensor-Activated & Motion Detection Recording		
		Pre-Alarm(0~30 Sec.) & Post-Alarm(0~120 Sec), Emergency Recording		
Playback & Backup	Speed	Fast Forward/Backward(x1, x8, x64, x128), Step Forward/Backward		
	Search	Intelli-Search by Time, Calendar , Events and First/Last Search		
	Backup Device	USB Memory Stick/HDD, DVD-RW & Network by CMS		
	Backup File Format	AVI (With or Without Timestamp), PS (Playback in Backup-Viewer)		
Network	Transmission	Video Dual-Stream (Local recording & Network Transmission)		

Front View

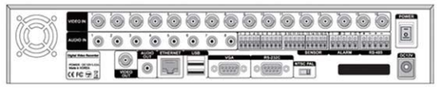
DIS-E1000 (4ch)



DIS-E2000 (8ch)



DIS-E4000 (16ch)



Simple
Powerful
Flexible

NVR (IP Cameras)

Video Content Analysis

Point of Sale

Smart Phone/Web RMS

Central Monitoring

License Plate Recognition

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