# DIGITAL VIDEO RECORDER SYSTEM

AnyKeeper™ USER MANUAL



## **Product Information**

## 1. Specification

Features	AnyKeeper-2004	AnyKeeper-2008	AnyKeeper-2516
Camera Input	4 channels	8 channels	16 channels
Display Speed	120 fps	120 fps	480 fps
Recording Speed	120 fps	120fps	120fps
Video Partition	1,4 splits	1,4,7,9 splits	1,4,7,9,13,16 splits
monitor output	RGB(VGA), Composite	RGB(VGA), Composite	RGB(VGA), Composite, SVHS
Sensor input	4 channels 16 channels 16 ch		16 channels
Alarm output	4 channels	8 channels	8 channels
Common Features			
Video Resolution		640 x 480, 640 x 240, 320 x	240
Quality Control		5 Levels of controlling	
Size of image	2-4KB(320x240, Medium Level)		
Video Compression	H.263 Compression Algorithm		
Screen switching	1 - 10 seconds		
Output resolution	Over 400 TV Line (I screen)		
PlayBack Display	Multiple camera views on the screen simultaneously		
Web Camera support	Local / Web camera		
Network	LAN, Cable Modem, ISDN, PTSN, PPP(Dial up)		
Alarm output time		1 second – unlimted time sele	ection
Motion Detection		5 Types of sensors	
Power tolerance	Supported		
Auto-detection	Supported		
Data Back-up		DVD, JAZ, Network Driv	e
Audio input		4 channels	
Audio compression		H.723-1	
Remote control		RS232C (PAN/Tilt/Zoom/II	RIS)



#### 2. System requirements

- O/S : Microsoft Windows 98 , ME, 2000
- CPU : Intel Pentium III 500MHz or higher
- RAM : 128MB or higher
- VGA : ATI Compatible AGP Graphic Card, VIP(Video Input Port) Existence
- Resolution : 1024 × 768, 32bit Color
- HDD : 30GB or greater
- Backup Storage : CD R/W, Tape Backup System, DVD-RAM, etc
- S/W : Direct X 8.0 or later
- Driver : DVR Driver

#### 3. DVR System Structure

DVR System User Manual	Manual	Included
DVR System Capture Board		Included
DVR System Cables		Included
DVR System Back Panel		Included (2008, 2016,2516 only)
	Input/output Audio	Included(2004 only)





#### Attention! Before setup :

- Please check the power supply is the correct voltage.
  - : Most DVR components use **220V** compliant Power Supply.
- Check system for DVR driver
- Check if Direct X 8.0 (or higher) is installed
- Remove HDD Automatic Disk clean options
- : Select Drive  $\rightarrow$  Property  $\rightarrow$  Disk Clean  $\rightarrow$  Setup
- $\rightarrow\,$  "When there is a shortage of HDD Drive space, do automatic disk clean" remove checked option
- Set image resolution to 1024×768 mode & 32bit color
- Clear setup of Windows 98 (or higher) before install DVR Board
- Do Not use VIA Chipset Mainboard (Optimal condition in Intel 81x series)
- Check driver and Anykeeper version.
  - : Download newer version on the website (http://www.anykeeper.com/support\_02.html)



## DVR system Installation Guide









## AnyKeeper DVR Hardware Specifications

## 1. DVR board

• Anykeeper - 2516



#### AnyKeeper – 2008, 2016



AnyKeeper – 2004







## Cable installations

## 1. DIO Cables



Each cable has a red lane at the edge. It should be connect to connector's white, bold square.

### 2. Reset Switch Connector

Connect from System reset-switch cable to DVR reset panel



**AnyKeeper**<sup>\*\*</sup>

### 3. Control Gain



### 4. Back Panel Setting

DIO		Vide	0	6	
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)					

- ① Camera Input port (2008 2016 2516 only)
- TV monitor Input port
- ③ Device Input (Infrared Sensor, Heat Detector, Fire Reorganization, etc..)
- ④ Device Output (Alarm, Alert, Lamp, Door lock, etc..)
- (5) DIO connector (thru DIO cable to DIO port on DVR board)
- (6) Video output (thru cable to VGA port on DVR board)





## 5. Device Input/Output Connecting



#### **TIP! JUMPER SETTINGS**

#### 1. Basic Settings

Ex) Normal Intel chipset using main board



2. Power-On after power-fail

POWER ON Function	[Hot KEY]	Item Help
KB POWER UN Password Hot Kou Power ON	[Enter]	Nonu Lough Mb
Onboard FDC Controller	[Enabled]	Hene Level pp
Onboard Serial Port 1	[3F8/IR04]	
Onboard Serial Port 2	[2F8/IR03]	
UART Mode Select	[Normal]	
RxD , TxD Active	[Hi,Lo]	
IR Transmission Delay	[Enabled]	
UR2 Duplex Mode	[Half]	
Use IR Pins	[IR-Rx2Tx2]	
Onboard Parallel Port	[378/IR07]	
Parallel Port Mode	(SPP)	
EPP Mode Select	[EPP1.7]	
ECD Made Use DNO	121	
PWRON After PWR-Fail	ioff1	

- There is the PWRON After PWE-Fail in the BIOS setup. Such function will have the PC system powered

on automatically after the power failure.



## AnyKeeper Driver Installation Guide

#### 1. AnyKeeper installation

- With computer turned off, install Anykeeper DVR Board in any PCI slot.
- Power On and start with Windows 98 (or higher)
- Anykeeper supports PnP, the system will detect DVR board as a PCI multimedia Device as shown below (in windows 2000)



• found New Hardware



Click NEXT to continue



• Search for a suitable driver for device (recommended)



#### Click Next to continue



• check Specify a location (for forwarding to driver folder)



- The driver for Anykeeper is in the directory "c:\dvrdrv"
- Before installing, extract DVR drivers in c:\dvrdrv



- It will display "Capture board....." in sound, video and game controllers of your system
- Click Next to continue







- Click "finish"
- After installing DVR board in your system, please restart.

#### Attention :

#### First of all, before reinstall the driver for DVR, delete existing two driver files as below,

#### Files are on C:\winnt (or windows)\system32\drivers\ [cap01.sys & cap02.sys]

If the DVR board is already installed, occasionally the driver will need to be reinstalled manually. In this case, update the following way: [Control panel]-[System]-[Device manager],

Milmoda Auto	e Canthallan
Device too	Other devices
Manufacture:	Unknown
Location	PO bas 8 device 7, kestion 8
Device status	
This stevice is not appli	gand somethy. Kode 1)
This device is not speci To remark the drivers t	gand connectly. Kode 1) in the doven, click Pierratal Dovne
This device is not used. To remotel the devers t	ganet connectly. (Code 1) or the dovers, click Pierratal Doves  Reinatal Dover

Click "Reinstall Driver...."

Then follow the same method as above.

## **DVR Software Installation**

### 1. Setup

- 1-1. Insert DVR Application Disk in Floppy Drive or CD-ROM, Network...
- 1-2. Double Click on Install file

剩 Installation of Techdat	a DVR System Application Install 📃 🗔 🗙
<b>TechData</b>	This will install Techdata DVR System Application Install on your computer. It is recommended that you exit all other programs before proceed with installation, Click <next> to continue installation, Or, click <cancel> to cancel installation,</cancel></next>
www.techdata.co.kr	Next Cancel

1-3. Choose the folder you wish to install this software to and click "Install"

👮 Installation of Techda	ta DVR System Application Install - Select install f 💷 💌
	Techdata DVR System Application Install will be installed to following folder.
	Click <install> to begin installation to following folder, To install to a different folder, Either enter install path, Or, click <browse> and select another folder.</browse></install>
TechData	Space needed: 0KBytes
$\sim$	
	- Install folder
	Browse
www.techdata.co.kr	Install Cancel

1-4. setup complete and system reboot



#### 1-5. Click "Abort" to cancel installation



#### 1-6. Installation is complete

🛃 Installation of Techda	ta DVR System Application Install	X
	Installation of Techdata DVR System Application Install completed,	
	View information,	
TechData		
www,techdata,co,kr	<u></u>	

- 1-7. Run DVR Application software
- 1-8. Check that the DVR System menu appears on the Program menu
- 1-9. Check that the DVR System icon appears on the Start Program



1-10. Software installation has been completed successfully

1-11. Remove Install disk

### 2. DVR software Reinstall

2-1. Pay attention when deleting data files during program reinstallation

🛃 Installation of Techdata DVR System Application Install	
Installing Techdata DVR System Applica	tion Install,
Installation of Techdata DVR System Application Install	×
Following file already exists in the folder 'C:₩dvr',	
ReadMe.txt(2001-7-3/14:00; 484Bytes)	
Replace above file with following?	
ReadMe,txt(2001-7-3/14:00; 484Bytes)	
🗖 No more query,	
Yes No Abort	_
www.techdata.co.kr	Abort

- 2-2. Previous data files will be removed automatically if "No more Query" is selected
- 2-3. Follow the steps for initial installation to complete the process



#### 3. DVR Software Uninstall

3-1 Run Uninstall in the DVR system Folder



3-2. Click "Yes" to uninstall

🎯 Uninstallation of Tech	data DVR System Application Install 📃 🔲 🗙
	Techdata DVR System Application Install was successfully uninstalled.
	✓ Folders
TechData	✓ Shortcuts
	✓ Registry Items
	✓ INI Items
	100%
www.techdata.co.kr	<u>Ok</u>

- 3-3. Click "Ok"
- 3-4. The software has been successfully uninstalled



## **DVR** Control Panel



1. Information: displays date & other system information



- 2. Access : control recording, motion sensors, alarms, setup, network, and Web-Cam
- 2-1. Record : Recording status
- 2-2. Motion : Motion detection status
- 2-3. Alarm : Alarm status
- 2-4. Setup : configure system settings
- 2-5. Network : To access network
- 2-6. WebCam : Configure Web-Cam settings(still not supported)







### 3. Adjust: adjust the color and brightness settings

- 3-1. Brightness: adjust Brightness
- 3-2. Contrast: adjust Contrast.
- 3-3. Saturation: Control degree of difference from a gray of the same lightness or brightness.
- 3-4. Hue: adjust Hue
  - \* Hue : The property of colors by white they can be perceived as ranging from red through yellow, green, and blue, as determined by the dominant wavelength of the light
- 3-5. Default: restores settings to default setup mode
- \* only applies to the selected camera

#### 4. PTZ : adjust Pan / Tilt / Zoom for the selected camera

- 4-1. Zoom: select Zoom In or Out
- 4-2. IRIS: select IRIS In or Out
- 4-3. FOCUS: select FOCUS In or Out.
- 4-4.  $\blacktriangle \lor \blacktriangleleft \triangleright$  : select direction
- \* only applies t o the selected camera







#### 5. Tabmode : change between system panels



#### 6. Camera Select : select the camera you wish to view or adjust



\* only applies to the camera selected

#### 7. Mode Select: control the split screen mode



- 7-1. Full screen mode: displays full screen
- 7-2. 1 split mode: display one screen
- 7-3. 4 splits mode: displays 4 screens
- 7-4. 7 splits mode: displays 7 screens
- 7-5. 9 splits mode: displays 9 screens
- 7-6. 13 splits mode: displays 13 screens
- 7-7. 16 splits mode: displays 16 screens
- 7-8. Auto Switching: rotates between split screen modes at a regular interval



## 8. Power: Close Application



\* To close the application either use the power button or System Shut Down in the Setup mode.



## **DVR Status Panel**



1. Information: displays date & other system information



2. Recording Camera: display the status of each camera

Recording Camera

- 2-1. Gray : indicates an inert camera
- 2-2. Green : indicates an active camera



- 2-3. Red : indicates a camera is recording
- \* Indicator lights start at camera 1and move to the right then down to camera 16

#### 3. Sensor Detect: displays the status of detection sensors

Sensor Detect

- 3-1. Gray : indicates an inert sensor
- 3-2. Green : indicates an active sensor
- 3-3. Red : indicates a sensor has been activated

\* Indicator lights start at camera 1and move to the right then down to camera 16

#### 4. Motion Detect: displays the status of motion sensors



- 4-1. Gray: indicates an inert motion sensor
- 4-2. Green: indicates an active motion sensor
- 4-3. Red: indicates a sensor has been activated

\* Indicator lights start at camera 1and move to the right then down to camera 16

#### 5. Alarm: displays the status of Alarms



- 5-1. Gray : indicates an inert alarm
- 5-2. Green : indicates an active alarm
- 5-3. Red : indicates an alarm has been activated
- \* Indicator lights start at alarm 1 and move to the right to alarm 8

#### 6. HDD Capacity: displays current HDD capacity





## 7. Event: displays information for each event in the system as hey occur



displays all system activities(example: system start, shutdown, recording, alarm activation, etc)



## 8. Event Log : records all system events

Event Log	
EventLog           Date:           Sun Mon Tue Wed Thu         Fil         Set           29         29         30         31         1         2         3           4         5         6         7         8         9         10           11         12         13         14         15         16         17           18         19         20         21         22         23         24           25         26         27         29         30         1         2         3           2         3         4         5         6         7         8         9         10           11         12         13         14         15         16         17         18         19         20         21         22         23         24           25         26         27         29         30         1         2         3         4         5         6         7         8           12         3         4         5         6         7         8         1         23         22         33         1         2         3         1 <th><ul> <li>8-1. To open click "Event log"</li> <li>8-2. Date: select the date you wish to view</li> <li>8-3. Event List : displays all event information for the selected date</li> <li>8-4. Refresh : refreshes the screen</li> <li>8-5. Exit : closes EventLog Dialogue Box</li> <li>8-6. Delete : delete selected event</li> <li>8-7. Delete All : delete all events for the selected date</li> </ul></th>	<ul> <li>8-1. To open click "Event log"</li> <li>8-2. Date: select the date you wish to view</li> <li>8-3. Event List : displays all event information for the selected date</li> <li>8-4. Refresh : refreshes the screen</li> <li>8-5. Exit : closes EventLog Dialogue Box</li> <li>8-6. Delete : delete selected event</li> <li>8-7. Delete All : delete all events for the selected date</li> </ul>

#### 9. Tabmode : change between system panels





#### 10. Camera Select: select the camera you wish to view or adjust



\* view event log for one camera at a time

#### 11. Mode Select: control split screen display



- 11-1. Fullscreen mode: displays full screen mode
- 11-2. 1 split mode: displays one screen
- 11-3. 4 splits mode: displays 4 screens
- 11-4. 7 splits mode: displays 7 screens
- 11-5. 9 splits mode: displays 9 screens
- 11-6. 13 splits mode: displays 13 screens
- 11-7. 16 splits mode: displays 16 screens
- 11-8. Auto Switching: rotates between split screen modes at a regular interval

#### 12. Power : Close application





## **DVR Search Panel**



1. Information: displays date & other system information



### 2. Play Control





- 2-1. ◀ ◀: Fast backward.
- 2-2. ◀: Backward
- 2-3. �: Stop
- 2-4. ►: Play
- 2-5. ► ►: Fast forward
- 2-6. **<**: move to the start of the recording period
- 2-7. | ◀: move back one frame
- 2-8. : move the place of event conducting
- 2-9. ► |: move forward one frame
- 2-10.  $\blacktriangleright$   $\parallel$  : move to the end of the recording period

#### 3. Zoom & Brightness: control zoom in/out & brightness of recorded images



- 3-1. Zoom : adjust zoom in/out
- 3-2. Brightness : adjust brightness
- 3-3. Default : reset to the default settings

#### 4. Zoom & Brightness: edit, save, and print recorded images



- 4-1. Blur : soften the selected image
- 4-2. Sharp : sharpen the selected image
- 4-3. Normal : reset to the default settings
- 4-4. Save : save an image as a BMP or AVI file



AnyKeeper<sup>™</sup>



4-5. Print : print out selected image

Colort Distore   Cayota   Paper/Golary	
Add Printer HP DeskJet	et.
Status: Ready Location: Comment	Fing Print to file
Page Range Aj C Selection C Cynent Page	Number of gopies: 1
C Pages: 1 Enter either a single page number or a single page range. For example, 5-12	, Coliste 11 22 31

4-6. Backup : backup recorded data to an alternate storage device

Backup.,	
Date	
From: 01-06-27	To: 01-06-27
Target Drive	
Backup <u>D</u> rive : Backup <u>D</u> rive :	▼ <u>S</u> tart Backup
	[Cose]



- 4-6-1. Date : select the period for data to be backed up
- 4-6-2. Target Drive : select backup drive location
- 4-6-3. Start Backup : Start Backup
- 4-6-4. Close : Close Backup

#### 5. BookMark : make a BookMark of recorded image





- 5-1. To Open click "BookMark"
- 5-2. BookMark List: displays the date and time of the BookMark
- 5-3. Add: add selected Bookmark
- 5-4. Delete: deleted selected Bookmark
- 5-5. Delete All: delete all Bookmarks in the list
- 5-6. Ok: close the BookMark dialogue box

#### 6. Calendar : Select a date to view recorded images

•	N	love	mber,	200	1	Þ
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	<b>78</b>	29	30	1
2	3	4	5	6	7	8



#### 7. Tabmode : change between system panels



#### 8. TimeBar : display recorded videos for a selected date and time

																20	01.6	.27 8	SUN	3:5	9:03	070	PN		۲	۲
TimeBar		Time	0.	1.	2.	3.	4	5	6.	7.	8.	9.	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	۲	Camera 1														Ш										
		Camera 2														Т										
		Camera 3																								
	۲	Camera 4																								
																					Ret	fresh	De	Zo	om	Ð

- 8-1.  $\blacktriangle \nabla$  : scroll through cameras
- 8-2. ◀► : move forward or backward on the time line
- 8-3. Zoom : adjust the time intervals for the selected date
- 8-4. Refresh : refresh the Time Bar

#### 9. Mode Select : control split screen display

Mode Select						
-------------	--	--	--	--	--	--

- 9-1. Full screen mode : converts to full screen mode
- 9-2. 1 split mode : displays 1 screen
- 9-3. 4 splits mode : displays 4 screens
- 9-4. 7 splits mode : displays 7 screens
- 9-5. 9 splits mode : displays 9 screens
- 9-6. 13 splits mode : displays 13 screens
- 9-7. 16 splits mode : displays 16 screens



## 10. Power: Close Application





## DVR Capture Full Screen Mode



#### 1. Mode Select : Control split screen display



- 1-1. Restore mode : converts to previous mode.
- 1-2. 1 splits mode : displays 1 screen
- 1-3. 4 splits mode : displays 4 screens
- 1-4. 7 splits mode : displays 7 screens
- 1-5. 9 splits mode : displays 9 screens
- 1-6. 13 splits mode : displays 13 screens
- 1-7. 16 splits mode : displays 16 screens
- 1-8. Auto Switching : rotates between split screen modes at a regular interval

#### 2. Camera Select : Select the camera you wish to view or adjust

 Camera Select
 Image: Camera Select
 Image: Camera Select
 Image: Camera Select

 \* You can only select one camera for full screen mode



## DVR Replay Full Screen mode



#### 1. Mode Select : control split screen display



- 1-1. Restore mode : converts to previous mode
- 1-2. 1 split mode : displays 1 screen
- 1-3. 4 splits mode : displays 4 screens
- 1-4. 7 splits mode : displays 7 screens
- 1-5. 9 splits mode : displays 9 screens
- 1-6. 13 splits mode : displays 13 screens
- 1-7. 16 splits mode : displays 16 screens



#### 2. Play Control



- 2-1. ◀◀ : Fast backward.
- 2-2. ◀ : Backward
- 2-3. �: Stop
- 2-4. ► : Play
- 2-5. **> >** : Fast forward
- 2-7. | ◀ : move backs one frame
- 2-8.  $\bigstar$  : move to the time of the event occurrence
- 2-9. ► | : move forward one frame
- 2-10.  $\blacktriangleright$   $\parallel$  : move to the end of the recording period



## DVR system Setup mode

#### 1. System Setup

Setup	? ×
System Device Event Schedule About	
- Sustem Management	
System Location : DVR System System Power ShulDown :	
Auto Gain Control : 🖂	
Auto Switching Interval : 3 Sec 1 Sec 1 Sec 10 Sec	
Video Signal Type         DSD :         Channel Auto Scan           If NTSC         If RAL         Motion Detect Display :         If	
Network Transfer Image Type     Still Image C Motion Image Network Transfer Image Quality: Very Low	
Security Management	
C On Setup	
On Search Mode     Password Change	
C On Shut Down	
Storage Managemenk	
Hard Disk. Usage Recording Path Change	
C Once C Recycle Replaying Path Change	
	-
OK Can	cel

- 1-1. System location: select the name of the system you wish to use
- 1-2. Auto Switching Interval: select the time period for auto switching
- 1-3. Power On/Off: select this option to shut the computer down when closing this application
- 1-4. Display Channel Text: turn channel information display on/off
- 1-5. Video Signal Type: select video input signal
- 1-6. Hard Disk Usage: set HDD user mode
  - Once : Write HDD just one time and appear error message
  - Recycle : If HDD is getting full, Remove last day data





1-7. Storage Management: select the folder you wish to save , replay data

Recording Path Change	Replaying Path Change
<pre>&lt; Exist Disk &gt; &lt; Usable Disk &gt; Disk Drive C Disk Drive D Disk Drive E </pre>	< Exist Disk > < Usable Disk > Disk Drive C Disk Drive D Disk Drive E Disk Drive G
Disk Add Disk Delete	Disk Add Disk Delete

<Replaying Path selection>

<Recording Path selection>

- Forward to capable Hard disk.
- Select Directory Name to make

1-8 Network Transfer Image Type

- 1-8-1. Still Image: get better quality of image instead of bigger image size (Recommended fast link network)
- 1-8-2. Motion Image: get smaller size image instead of worse quality image (Recommended slow link network)
- 1-8-3. Network Transfer Image Quality : to control changing image quality



Password Change	
User Level	
C Admin ⊙ User	
Current Password :	
New Password :	
Confirmation :	
OK Cancel	

#### 1-9. Set Password

- 1-9-1. On Setup: confirm Password on setup
- 1-9-2. On Recoding Stop: confirm Password on recording stop
- 1-9-3. On Shut Down: confirm Password on system shut down
- 1-9-4. Change Passwords
- 1-9-5. User Level: select user level
- 1-9-6. Current Password: input current password
- 1-9-7. New Password: input new password
- 1-9-8. Confirmation: input new password again
- 1-9-9. Ok
- 1-9-10. Cancel

#### 2. Device Setup

Setup	? ×
System Device Event   Schedule   About	
Device Manangement         Image: Camera 2         Image: Camera 2         Image: Camera 3         Image: Camera 3         Image: Camera 4         Image: Camera 5         Image: Camera 6         Image: Camera 7         Image: Camera 10         Image: Camera 11         Image: Camera 13         Image: Camera 13         Image: Camera 16         Image: Camera 17         Image: Camera 16         Image: Camera 17         Image: Camera 16         Image: Camera 16	
확인 취소	

- 2-1-1. Camera: Select Camera to configure
- 2-1-2. Activation: set recording to on/off
- 2-1-3. Resolution: select the desired resolution for each camera



- 2-1-4. Quality: select the quality require for compressed images
- 2-1-5. Speed: select the desired recording speed
- 2-2-1. Motion Activation : set motion detect to on/off
- 2-2-2. Sensitive: select the desired sensitivity for motion sensors
- 2-2-3.Zone : select the active detection zone

Setting Zone							
C Setting Zone C Clear Zone Cancel							

- in the setting zone, point to secured area to need.

#### 2-4. Pan/Tilt/Zoom

Port Settings	2-4-1. Port :
COM Options:       Ok         Port:       Com1         Baud Rate:       9600         Data Bits:       8         Parity:       None         Stop Bits:       1         Flow:       DTR/DSR         BTS/CTS       XON/XOFF	<ul> <li>select connecting COM port.</li> <li>2-4-2. Baud Rate :</li> <li>Select Baud Rate</li> <li>2-4-3. Date Bits :</li> <li>Select data bits</li> <li>2-4-4. Parity :</li> <li>Select Parity bits</li> <li>2-4-5. Stop Bits : select stop bits</li> <li>2-4-6. Flow : select Flow control</li> </ul>

#### 2-5 Alarm

2-5-1. Alarm Activation

2-5-2. Event Latency Time : control to how long alarming time.



#### 2-6. Sensor

2-6-1. Activation : sensor activation2-6-2. Type :NC(Normal Close-closed generally)NO(Normal Open-alarming when closed)



Setup			? ×
System Device Event Sche	dule About		
Setup System Device Event Sche Device Manangement B-B Camera B-D Alarm B-D Sensor Audo Audio1 Audio2 Audio2 Audio4 B-C) Alert	dule About About Audio Name Audio Activation Vulme Channel Selection Channel Selecti	C Camera 9 C Camera 9 C Camera 10 C Camera 11 C Camera 12 C Camera 13 C Camera 14	YX
	C Camera 8	C Camera 16	
		All Audio Apply	
		확인	취소

#### 2-7. Audio

2-7-1. Activation

2-7-2. Camera Selection point to recordable Camera

### 3. Event

Setup System   Device   Event   Schedul	e About			<u>?</u> ]
Event we are generating the sensor	Recording Link Camera 1 Camera 2 Camera 3 Camera 4 Camera 4 Camera 6 Camera 6 Camera 7 Camera 8 Camera 7 Camera 10 Camera 11 Camera 11 Camera 13 Camera 13 Camera 14 Camera 16 Camera 16 All Chamnel Apply	Alarm Link Alarm1 Alarm2 Alarm3 Alarm4 Alarm5 Alarm6 Alarm7 Alarm8	Alert Link	
			확인	취소

ex1) Sensor 1 – Recording Link 1 – Alarm Link 1 – Alert 1

: token image or signal was recorded to 1 camera and alarming alarm 1, ring alert

ex2) sensor 3 – Recording Link 2 –Alarm Link 4 – Alert (no tic)

:token image or signal was recorded to camera 2 and alarming alarm 4.



#### 4. Schedule

lect C	hanı	nel-			~						,	2.0						~	c		10					
e La	mera	-				l La	mer	a5 -			Ĵ	ы с Эле	.ame	era s	9			Ч -	Lan	hera	13					
U Car 7 io	mera	2			0	i Ca	mer	аб -				U L D L	lame.	era 1				0	Can C	hera	14					
U Car -	mera	3			0	l Ca	mer	a/			ç	) Ц -	Jame	era 1	11			0	Can	hera	15					
O Ca	mera	4			C	Ca	mer	a 8			(	00	Came	era 1	2			0	Can	hera	16					
shadul	or Tr	abla																								
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- 1. select camera
- 2. mark to record or motion detect and integrate record with caught motion.

#### Ex) Camera 1 has to record when sensor 2 is detected from PM 3:00~AM 12:00

Setup	Setup ? X
System Device Event   Schedule   About	System Device Event Schedule About
Device Management The definition of the device of the dev	Event Management           Perceding Link         Mam Link           Sensol         Cames 3           Sensol         Cames 4           Sensol         Cames 5           Sensol         Cames 6           Sensol         Cames 6           Sensol         Cames 1           Sensol         Cames 12           Sensol         Cames 13           Sensol         Cames 13           Sensol         Cames 15           Cames 15         Cames 15           Sensol         Cames 16           All Alam Apply         Al Alent Apply
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Wed	W	W	W	W	W	W	₩	W	W	W	W	W	W	W	W	М	М	М	М	М	М	М	М	М				
Thu	W	W	W	₩	W	W	₩	W	₩	W	W	₩	W	W	W	M	M	M	M	M	M	M	M	M				
Sat	W	W	W	W	W	W	W	w	W	w	W	W	W	W	W	M	M	M	M	M	M	M	M	M				
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3. Holiday setting : schedule to irregularly settings

Holyday		N	love	mber,	200	1		[2001.10.30] [2001.10.24] [2001.11.01] [2001.11.23]
	Sun 28 4 11 18 25 2	Mon 29 5 12 19 26 3	Tue 30 6 13 20 27 4	Wed 31 7 14 21 5	Thu 1 8 15 22 29 6	Fri 9 16 23 30 7	Sat 3 10 17 24 1 8	
L								Add Delete



## DVR Trouble shooting

#### 1. NO SIGNAL or Blue screen on display window

- check camera connection and power supply
- check the activation box for each camera on the "Setup" menu (shown below)

Setup	?×
System Device Event Schedule About System Device Event Schedule About Device Manangement Cent Camera 2 Cent Camera 3 Cent Camera 4 Cent Camera 5 Cent Camera 6 Cent Camera 6 Cent Camera 7 Cent Camera 8 Cent Camera 10 Cent Camera 11 Cent Camera 13 Cent Camera 13 Cent Camera 14 Cent Camera 15	Pera 1       Activator:         30 Frame / Sec         Time:
Camera 13	on Zone Setting : Zone m pm Device Support n Device Name : DRX1000 ing : Serial Port All Channel Apply
	확인 취소

• restart DVR application (You should always restart Anykeeper when applying new settings).

#### 2. Recording Unavailable

- Check the camera is activated
- Check the "Recording Stopped" time in the Event Log





• Check the LED in the Status window (Green : activated, Red : Recording)



Check the storage setting







#### 3. Motion Detection Unavailable

- Check Motion Detection is activated for each camera in the "Device" setup window
- Check the Zone settings

Setup		? 🗙	
Setup System Device Event Sched Device Manangement Certe Camera Certe Camera 3 Certe Camera 3 Certe Camera 4 Certe Camera 4 Certe Camera 6 Certe Camera 6 Certe Camera 10 Certe Camera 10 Certe Camera 11 Certe Camera 13 Certe Camera 13 Certe Camera 14 Certe Camera 15 Certe Camera 16 Cert	ule       About         Recording         Name :       Camera 1         Activation :       Image: Camera 1         Frame :		
	<u></u>	취소	

#### NB:

#### Motion Detection scenario

1) Motion Detection and Recording on all cameras:

- Select Motion Detection Activation for each camera in the "Device" setup window
- Link to each camera 1~16 from the motion detection 1~16 as assigned in the "Event" setup window
- Set to "Record and Motion Detection" in the "Schedule" for all cameras

2) Setting camera 3 for Motion Detection and Recording:

- Activate all cameras
- Activate Motion Detection on camera 3 in the "Device" setup window and configure the zone
- In "Event" "Motion Detection" select camera 3 as the "Recording Link"
- Select "Motion Detection" in the "Schedule" for camera 3



#### 4. Search Unavailable

• Check the storage path in the [setup]

Storage Setup									
< Exist Hard Disk > Hard Disk Drive C Hard Disk Drive D	< Usable Hard Disk > Hard Disk Drive C								
HDD Add	HDD Delete								
Directory Name : d	Directory Name : data								
(OKCancel									

• When new a new version of the software is installed, sometimes the old files will no longer be available for viewing due to slight alterations in the compression algorithm. It is recommended that all existing DVR files and drivers be removed before installing new versions of the software.

#### 5. Reinstall O/S (we recommend the following method for reinstalling the O/S)

- Format the HDD (before formatting, divide with 2 or more partitions)
- Install Windows (Windows 2000 recommended)
- Update the INF files for main board's BIOS (if INTEL chipset only)
- Install VGA and sound card drivers
- Install the MS Direct X 8.0 or higher (very important)
- Insert DVR board
- Connect cables and fans
- Install DVR drivers
- Install new version of Anykeeper software

#### 6. No response to PTZ controls

- Check the PTZ connections
- Check PTZ support is selected in the setup menu
- Check PTZ settings in the setup system





### 7. Network access unavailable

- Unknown Host: Check the Server's IP address (on prompt windows, using 'IPCONFIG')
- Incorrect password: Check the password (factory default password is 'guest')
- Admin: Already logged on as administrator

