DigiNet Center User Guide



Center Program?

It's a program that enables you watch and control the site DVR. Therefore, you don't need a DVR to watch site DVR's image.

System spec.(recommended)

- ► CPU : Celeron 433MHz over
- ► MEMORY : 64MB over
- ► VGA CARD : AGP 16MB over
- ► HDD : 100MB over
- ► O/S : Windows98 SE / Windows ME / Windows 2000 / Windows NT
- ► Communication : MODEM, LAN, ISDN, Leased Circuit
- ► DirectX : v7.0 over

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When you purchased DigiNet Center program, make sure that the following contents are Included.



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1. Connection

1.1 ISDN, DSU, Leased Circuit



(

1.2 MODEM, LAN connection



2. Center Program Installation

1 Insert Center program CD into CD-ROM and click the folder that has center program. Then double-click on folder <disk1>.

🔁 Kodicom Center					- 🗆 🗆
Elle Edit View Go	Favorites	Help			11
Back Forward	- E Up	Hap Drive D	Nisconnect Dut	L Copy	30
Address 🗀 C:\backup\Ki	odicom Cente				•
Kodicom Center	Data	1 Data2	Data3	Data-A	Data-B
Select an item to view its description.					
		0 bytes	B My Computer		1

							_10
<u>Eile E</u> dit	⊻jew <u>G</u> o	Fgvorites	Help				1
4 Back	. → Formend	- E	Map Drive	No.	Y.	Copy	
Address 🗋	C:\backup\Ko	dicom Center\	Data1				- b
Data	1	Dələ.de	license	a tat setup	abmp se	у А. ф. ексе	setup.i

3 Click <Next>





Check on 'I agree to the License Agreement' and click <Next>



5 Select the path where you want to install DigiNet Center program and click <Next>

Kedicon DigiNet Center Setup	
Select installation folder.	
Select a installation folder for 'DigRief Center'	C
Setup will mated "Digitive Center" in the following folder	
To incluit to this folder, Click 'Next', To install to different fold another folder.	ler, click 'Browns' and relect
C /DigNet_Center	
	THE OWNER OF THE
	acontelli
Back(g)	Next() Cared

6 Installation will start.





Keekeen DigNet Center Setur Installation is completed successfully. There, you for nutalecon of DigNet Center Frein()

B DigiNet Center icon will be created in the background as below. Double-click DigiNet icon and run Center program.



3. Center program execute



1 Execute center program by double-double clicking DigiNet icon on desktop.



2 DigiNet check the password when it starts. (It doesn't have a password as a default.)



Password setup window

 $\{\hat{l}\}$

Caution : It is impossible to change password when you forgot it. (Please write it down on other place.)

We recommend that the administrator to change password.

Refer to page 17 for password change.

4. Main screen setup O



First screen



5.Center communication setup



Setup	×
About DigiNet Center Setup configuration Middem Other	
1 Preservable 60 Second(s) 2 Image: Display control status bar.	
③ Watermark. I Display Watermark protect image	
Received data save setup	
4 🔽 Now screen data save	
5 🔽 Remote search data save	
6 Select save drive	
DK Cancel	

Setup Configuration (Modem connection time) Center system disconnect the connection after the selected time if there is no response. 2 [Display of manual control status] Displays manual control button on the screen. 3 [Water Mark Setting] Water Mark Authentication Mark: This function indicates Watermark authentication mark. Watermark authentication mark will be displayed on image when you select this option. 4 [Store current image] • When transmitting image after connecting to a site, this function will simultaneously store the image to a designated HDD. **5** [Store searched image] • When you search for recorded image after connecting to the site, this function will simultaneously store the image to a designated HDD. 6 [Select storing drive] . When searching for recorded data and current image after connecting to site, select HDD that will be recorded from the Center.

Applicable storing media.

You can only record in network drive and in drives which can support the following; Hard disk or remote drive (DVD-RAM, ZIP, MOD, ORB, USB HDD etc.).

Setup	×
About DigiNet Center Setup configuration Modern Other	
1 Type of connection	
PSTN/ISDN - No router	
C LAN/ISDN - Router / Leased circuit - Router	
Garnet GTM-56KH3 Data Fax PCI Modem	
3 Initialization string	
ATS7=60+ES=3,0,2;+DS=3;+IFC=2,2;+MS=K56;X4 <cr></cr>	
4 Port and Bps	
C0M3 &115200	
OK Cancel	

How to setup

1 [Select line type]

- Select communication line type you wish to use. Select 'PSTN/ISDN (NO ROUTER) when using regular phone line or ISDN (Without Router).
- Select 'LAN/ISDN(ROUTER)/LEASED CIRCUIT (ROUTER) when using LAN or ISDN/ISDN only line (With ROUTER).

2 [Installed modem name]

•This will automatically recognize and show modem that is installed in the system. (It will only automatically recognize the modem type when ('PSTN/ISDN(NO ROUTER)' is selected).



3 [Initial order]

This will automatically recognize initial order from window from the modem that is installed in the system.



4 [Port and communication speed]

• This will automatically recognize communication port and its speed that is installed in modem.

About DigiNet Center Setup configuration Moder Other	Etc.
1 Changed password	 [Change password] This is used to change password. (There is no password in the factory setup.)
Clock display format YYYYYMM/DD	Enter password and click <ok> DigiNet Center DK Enter password Cancel</ok>
3_0K	Enter new password and click <ok> Enter new password and click <ok> Center CK Cencel</ok></ok>
	 [Clock Display Format] This is a format for displaying current date and time.
	3 [OK]• Click <ok>after entering data.</ok>
	 [OK] You can go back to initial menu by pressing <ok> button.</ok>

6. How to connect to site DVR



1 [Connect]

You can connect to site DVR with this. Click this **Occurrent** on the initial screen.



6.1 Connection on LAN

1 Below button will be displayed if you click left button.

Connect SIT	E-LAN			×
SITE CODE IP Address			Password Confirm	
Situation				
1				
[Connect	Add	Delete	Cancel

2 [Add]

Enter Site Code, IP address, Port number, location and password.

Then click <Add>button.

C	Connect SIT	E-LAN					×
(A) (B)	SITE CODE	211.54.12.10		Passee Confin	oed n	1011 1010	-
Č	Situation	Test		_	_		-
	F						1
	[Connect	Add	De	iete	Cancel	

- (A) [SITE CODE] : You can add site code like this order : 100-001,100-002,100-003...
- (B) [IP address] : Enter IP address of the SITE
- C [Situation] : Enter the situation of the site DVR
- (D) [Password] : Enter the password of the site DVR,

(communication setup \rightarrow connection setup \rightarrow password)

- (E) [Confirm] : Enter the password of the site DVR for confirmation.
- (F) [List of the sites to connect] : You can register multiple sites information by entering the site code, IP address, location and password. Then you can edit them if you want later.

When connecting to site from center, site code and password will be searched {!

simultaneously, and if site code or password is not correct then connection will be terminated.

3 [connect]

Select the place you want to connect and click <connect> button.

Connect SITE-LAN × SITE CODE 100-101 Password IP Address 211.54.12.101 Confirm Situation Test 100-101 211.54.12.101 Te Add Delete Cancel

Center tries to connect to site like below screen.

SITE oude: 100-101		
PAddess 211 5412 101	Port Nam : 8850	
Situation Test		
	2/120	_

4 [Delete]

To delete the selected site, click the site and press <Delete> button.

Connect SIT	E-LAN		×
SITE CODE IP Address Situation	100-101 211.54.12.101 Test	Password Confirm	
100-101 2	11.54.12.101 Test		
L			_
	Connect Add	Delete	Cancel

If you click <OK>, the data will be erased.

ligiNet Center	
Do you want eras	ure data ?



5 If it gets connected, below screen will be displayed.

6.2 Connection on PSTN, ISDN



1 Connect This button displays the image on the right.

ITE CODE	Pt	none ND	
asseword		Conlim	

2 [Add]

Designate site code, phone number, installing place, and password, then press add.

Connect SIT	E				×
SITE CODE	100-101	Phone ND 024	23-4567		
Situation	Test				
Pattmord		Confirm			
		\frown			
	Connect	Add	Delete	Cancel	
		$\mathbf{\nabla}$			



3 [Connect]

Select the place you want to connect and press [connect] button.

Connect SIT	E				×
SITE CODE	100-101	Phone ND 02-	123-4567		
Situation	Test				
Pattoword		Continu			
100-101_0	2-123-4567	Test			
	\frown				
	Connect	Add	Delete	Cancel	

PPP setup for PSTN/ISDN without router



[PPP setup using KPPPSetup.exe]

• To setup PSTN a modem should be installed in Windows.

• After you finish the installation of modem, click KPPPSetup.exe in DigiNet folder of DVR and PC. Then PPP setup for PSTN/ISDN will be done automatically.

2 [Requirements before installation]

• In order to use **KPPPSetup.exe** DVR or PC may ask you to put in the Windows98 Second Edition CD-ROM or the folder that has Windows98 SE.

• This program may not work properly when the system doesn't have a modem installed. Execute KPPPSetup.exe after finishing installation of a modem on the system.

3 [PSTN, ISDN setup on Windows98]

• Install a modem for PSTN connection, or ISDN Terminal Adapter for ISDN.

• Execute KPPPSetup.exe.

• You need to reboot the system when the PPP setup is done.

• After rebooting, please check out the connection between DigiNet and center PC by using center and site program.

[Following items will be installed when you execute KPPPSetup.exe]

- Dial-up networking
- Dial-up server
- Phone dialer
- TCP/IP Protocol
- Change Dial-up server properties

The system may request you WIndows98 SE CD on the CD-Rom drive or HDD. If it does, assign the location that has WIndows98 SE or CD-ROM drive.

(5) [Note]

• If TCP/IP or Dial-up adapter is already installed, they will not be installed again.

• Any window of Network properties or dial-up server properties should not be open before executing KPPPSetup.exe

• Do not execute KPPPSetup.exe twice at one instant. (You should wait until you see a message that your system will reboot.)

• On DigiNet communication setup of site software select 'LAN'. On center software select 'PSTN/ISDN(NO ROUTER).

• KPPPSetup.exe should be installed on both DigiNet center and site.

• Please check after installation if the connection works well between center and site.

When you use ISDN connection without using router, follow the same procedure with PSTN by executing KPPPSetup.exe. Then it will be setup automatically.

KPPPSetup.exe should be installed both Center and Site.

(1) [When there are a few dial-up servers depending on the ISDN modem]

• Basically ISDN setup will be done automatically if you run KPPPSetup.exe. However, there might be cases that you need to setup manually when there are a few dial-up servers depending on the IDSN modem. In that case please follow this step.

• When the ISDN modem supports a few dial-up servers you should select a proper dial-up server that supports ISDN among the dial-up servers.

• Above step should be done after executing KPPPSetup.exe.



Dial-Up Server	? X
DTA MLPPP 128K DTA PPP 64K DTA V120	
Ng caler access Allow caler access	
Password protection Change Password	2
Comment	
Status: Monitoring	
Disjonnet/Upp	\supset
OK Cancel	e);

ial-Up Networking Password		<u> </u>
Qid persword	1	OK.
New persent		Cancel
Conferences pacewood		-

Enter to change password and input '1234' for all three blanks.

Server Types	? ×
Type of Dial-Up Server:	
PPP: Internet, Windows NT Server, Windows 98	
Default FPP: Internet, Windows NT Server, Windows SB Windows for Workgroups and Windows NT 3.1 IV Enable software gompression	
Require gncrypted password	
DK. Cance	4

• Choose "PPP: Internet, Windows NT server, Windows 98" on 'Server Type'.

• Check "Enable Software Compression" and "Require Encrypted Password" and click "Apply" button and "OK" .

• Make sure if there is "Monitoring" in the "Status".(The type of dial-up server is different depending on the ISDN modem as you see above.)

Lucent Win Moden Properties	? ×
General Modem Connection Driver Resources	
. Lucent Win Modem	
Exit: CDM3	
Speaker volume	
Oll High	
Maximum speed	
4900 4900 9600 19200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200 57500 11200	
ОК С	ancel

[Line speed]

• When connection gets disconnected frequently using PSTN, or when communication status is unstable, execute "Modem" from "Properties" and select "Register information" from "General".

- From 'Modem register information' window,
 - → Select '38400' for maximum speed if PSTN
 - → Select '115200' for maximum speed if ISDN

• For safety of communication line, modem for center and site should be set to equal.

(Connection may not work well if something like noise and old line etc. are accompanied).

7. Playing current image O



Site image will be displayed.

27

8. Change to search mode









- 2 [End Search]
 - Click [DISPLAY] button to be switched to
 search screen

This is the screen that is changed to [Search] mode.

8.1 Select Date and time for searching





Year, month, day, hour, minute will be displayed for the ones you want to search.

(



Month, year to search

Date to search

Hour and minute to search

8.2 Replaying searched image



1 [Camera]

- Select the camera number you want to search.
- Selected camera number will be indicated by darker color as shown below.



2 [Playback searched image]

Playing one picture backward

searched data

• You can adjust searching speed by Skip and Delay.



Playing one picture forward

To the last part of the selected date.

Reverse playback

3 [SKIP]

- A number of designated output for searched image will be ignored but it will give output to monitor.
- Designated number is not the number of image but it is an internal value for the DigiNet program.
- You can only designate 0 and 1 for Center program



- Time for searched image to be displayed on the screen per page.
- Ex) 0 (fastest) ~ 50 (slowest)

8.3 Magnify and control brightness of searched image



{!} · Basically zooming a small image gets a little bit distorted image. But DigiNet System has developed own compression engine code (K-Engine CODEC) to minimize this problem.

•Zooming in and out is applicable to only one camera. Multiple image zooming is not possible so stop playing multiple images but just select one channel to zoom.



(Bright]

• Adjust brightness of the image





8.4 Data Backup



()



You can backup and print the searched image by clicking the button on the left.





When you click on this button on the left, following backup window will appear

Backup	×
C Fitopy backup	
(* Tree bachup	
Date/Time	BackupMedia
Start	
2002,58,19, Tuesday	Cerconcone
10.58:00	
End	Option
2002.59.19. Tuesday	Delete bid data when hee space Int
10.58:00	Pixely Wall for all beckup process
	Carcel

Backup onto Floppy Disk

Backup		
F Floppy backup		
C Textectup		
	-	1
pitt230.11. Tuesday	-	Constant and constant of the
Teopetie		
- Set		- Complete And Income
DER HUR Handar	1	- HEAVED OF ANY ANY CONSCIENCE
10.000	-	and in Alberton provide
		DK Cancel

[Backup floppy disk]

• While you are searching for recorded data, select the image to backup and click this icon. Then "Data Backup" window will appear.



• When you backup the image per page, floppy disk will stored them as BMP or JPEG format so you can use it with the S/W which is used for a normal image.

- You can only choose [Floppy backup] when you have selected backup button when one of the screens is zoomed out while searching.
- Select [Floppy backup] from the above "Data Backup" window and click "Ok".

Then below "watermark checker copy" window will appear.

Waterma	nk checker copy 🛛 🔀
٩	Do you want Watermark check program?
	Yes <u>N</u> o

• If you click "Yes" for the selected image, 'Watermark check program' will backup to a Floppy Diskette.

• You can backup the single images as many as you want on a floppy disk, however, you only need to store the watermark check program once.

The image will be copied onto Floppy diskette in BMP or JPG format. The image will be copied with the 'watermark checker program' to check to see whether the image was illegally modified or not.

Using watermark checking program

Run the watermark check program by running the file 'WMChecker.exe' on the floppy disk. The following image will appear.

🚧 Watermark Check Program	×
File <u>O</u> pen	
	-
Water Mark <u>C</u> heck	
Source Mark :	
Ţ	
Result Mark :	_
1	
Exit	



• If you execute 'WMChecker.exe' which is copied to the Floppy Disk with the backup image following 'WaterMark' checking program appears.

• If you click 'File Open' button, below widow will appear to check authentication of the image.

Open					? ×
Look jn: 🛃	3½ Floppy (A:)	•	E	2 🖻	•
20020101	-11-103314 2.jpg				
20020101	-11-104809 3.jpg				
File <u>n</u> ame:					<u>O</u> pen
Files of type:	Bitmap File(*.bmp), Jpe	g File(*.jpg;*.jpe	eg)	-	Cancel

• Once opened the name of the file will appear in the window. Select Watermark check to verify the image.

Watermark Check Program						
File Open						
A:\20020101-11-103314 2.jpg						
Water Mark Check						
Source Mark :						
Result Mark :						
]						
Exit						

• Once verification has been completed windows similar to those below will appear.

Watermark Check Program	×	Watermark Check Program
File Open		File <u>O</u> pen
a:\20010804-03-095559 2.bmp		a:\20020101-11-103314 2.jpg
Water Mark Check		Water Mark Check
Source Mark : 8381897F7D857A7C*************	_	Source Mark : D465F43D7EF0788F***********
Result Mark : D3E8E6523DFC2833**********		Result Mark : D465F43D7EF0788F**********
Watermark Corrupted!!		Watermark Approved!!
Exit		Exit

Corrupted image

Uncorrupted image

How to backup large media



[Setup time for backup]

Select this function when you need to backup a lot of data like HDD, CD-RW, Removable Drive, Network Drive, Remote IP Drive along with floppy disk.

This is not a normal format like BMP or JPG but this is an unique DigiNet S/W data. Therefore, you can not check the data using the normal image so you have to use it with the software from the place you bought it from.

2 [Date/Time]

Select start and end time of backup data.

Time has to be setup before the current time. If the time was set after the present time, backup will not work when you select [OK] button.



3 [Backup Media]

[Select Drive]]

Select backup data from its storing media.

You may select HDD, CD-RW, Portable drive, Network Drive, Remote IP Address except floppy disk.

[Format CDR/CDRW]

• This is used when you select CD to backup data.

• If CD was not formatted, use Direct CD program for CD formatting process. When you select [Format CDR/CDRW], you can format CDR/CDRW media by Direct CD (Refer to page 38).

Direct CD program has to be installed in window in order to format CD.

4 [Option]

[Delete old data when there is not enough space]

This function will record data after deleting the old data when there is not enough storage space to backup the data.

[Selecting Priority]

Select the priority of backup data.

Wait until the processing work is done; start the backup after current backup and waiting data have finished their backup.

Start after the current work is done; when current data's backup is completed, do not back up the waiting data if the other data was selected first.

(5) [OK]

Backup will start from the designated backup media drive when you click [OK].
Backup onto CD-R/CD-RW

Flappy backup		
Time backup		
lute/Time		BackupMedia
Stat		(D) =
2002.14.19. Tuesday	*	0
11.14.00	*	at
End		000
2002,15.15. Tuesday	*	89
11:15:00	*	Risky Wat for all backup process

1 [CD-R/RW backup]

• Select [Select media] from "backup media" window.

• From "Select backup media" window, select [OK] button after selecting CD-RW drive which you will backup.

• You need to format CD in order to backup CD-R/CD-RW from DigiNet program.

• When the CD is unformatted or failed to Backup, please follow this step to Format the CD. (Refer to page 38)

• In order to backup on CD-R/CD-RW, Direct CD S/W should be installed on the system.

• If the CD is formatted, follow the same way with backup to HDD, or removable drives (DVD-RAM, ZIP, MOD, RB)

Formatting a CD using Direct CD

(1) [Formatting CD using <u>Direct CD</u>]

• When you try to backup on an unformatted CD or in case where the message of backup failure has shown, format the CD as follows.

• Insert a empty CD disk and click 'Format(CDR/CDRW)' in the 'data backup' window. Then following window will appear. Click next.

Adaptec DirectCD Wizard	3,01e S10 🙎 🗶				
51	Welcome				
	Welcome to the Adaptec DirectCD Wizard DirectCD allows you to read and write directly to your CD-Recordable/CD-ReWritable disc.				
5.7	This wizard will configure your disc by:				
	 Checking the status of a CD in your drive, Preparing the CD-R/CD-RW disc so you can read and write it, Managing the final data when ejecting a DirectCD disc. 				
	Once the CD-R/CD-RW disc is configured for DirectCD, you will be able to read from and write to the disc in much the same way you would a floppy diskets. This includes access from Windows Explorer, or any other Windows application such as Microsoft Word.				
Help	Cancel (Bask Next) Enlish				

• This window shows the information of the empty CD. Click 'Next'.



• Format the empty CD disk. Click 'Next'.

Time to format (CD-R : 1 min, CD-RW : 25 ~ 45 min)

Adaptec DirectCD Wizard ((Drive E-) 3,01e S10 📴	×
	Format Disc DirectCD Wizard is ready to format the blank CD-R disc in drive (E After formatting, you will be able to read and write the CD through to grive letter associated with it. (For example: using Windows Explorer)	0. the
Help	Cancel < Back Next > Britch	

• Select the label for your CD i.e.: backup. (If you don't want to enter label, it's ok.) Click 'Finish'.

Adaptec DirectCD Wizard (Drive E:) 3.01e S10	? ×
	Name Your Disc	
	Type a name for your disc: [BACK UP (Maximum length: 11 characters)	
	Note: This name will help to distinguish between discs in the fut to make finding your files easier,	ure
Help	Cancel < Back [lext> Enish	

• CD-RW will start formatting CD.

Approximate time to format - (CD-R: 1 min, CD-RW: 25 - 45 min)

Adaptec	DirectCD Wizard (Drive E:) 3,01e S10	15
	Formatting disc,	
° 🙂		

• When the CD is formatted, follow the same instructions to HDD or removable drive (DVD-RAM, ZIP, MOD, ORG etc) to backup your data.

• If you meet other messages, refer to Direct CD manual.

8.5 Printing searched image



(

[Print]

6

Print the selected image.

Printing is possible when you select [Print] button only with one magnified screen (Print after adjusting size and brightness.)

Printer		
Name:	HP:D 640	Etaperties
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ତ ଧ୍ରା		Number of gopies: 1 🚊
O Pages	(1010) [20]	
C Selector		
		\frown
		OK Cancel

If the printer is not installed, following error message appears.



* Check out if your printer is configured properly when you can't get it printed out.

Installing printer

- 1. In Windows 98 click Start \rightarrow Setting \rightarrow Printers.
- 2. In Printers window, select and click Add Printer.
- 3. In Add Printer window, click Next.
- 4. Click the manufacturer and model of your printer.
- 5. Click available port.
- 6. If your printer is not listed on screen, consult with your printer dealer.

* Make sure that the printer cable or power line is properly connected.

Size of printed image

 $\{i\}$

• Basically, the magnified image will be printed in the same size.

9. Selection between PAN/TILT & surveillance mode



How to setup

 Left double click will magnify the screen and right click on the channel bring you to PAN/TILT mode (Only when PAN/TILT camera is used)





Screen of Pan/Tilt mode

9.1 How to Control PAN/TILT Mode



You need the same number of RX RECEIVER(KRE-301 or KRE-302) to control PAN/TILT camera.

!

10. Site DVR setup



(

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	3 🥶



2 Type your password and click [Ok].



[Close] Select [Close] to end Setup

10.1 Hardware setup

Camera setup

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1 [Setup]

Check on the camera you want to use.

2 [Name]

- Put the name of the place where you installed camera.
 - Ex) Parking lot, entrance etc. (up to 14 characters)

3 [Sensor]

- DigiNet has a motion detection function. You can attach external sensors from 8 to 16.
- If the related external sensor starts working, connected camera starts recording.
- Input the sensor number you wish to use (Sensor number that's related with each camera).
- If there are a few cameras, you can separate by comma.
- This is not required on motion detection mode.

Ex) If you want to store an image from number 1 camera while number 2 and number 3's external sensor is working, input "2,3" on number 1 camera's "Link sensor" list.

- 4 [Recording with Motion Detected channel]
 - When a camera detects any movement, system records it's linked channel as well.
 - From "Recording Schedule" tap, record setting must be under Motion Detection mode for inputted specific camera number. If it is set on 'Continuous recording', this function is not activated.
 - Input camera number of related camera that will detect and record related motion at the same time.
 - Ex) When camera number 1 and number 2 capture any motion and you also want camera number 3 to record it as well, just input "1,2" to "Related Motion" blank space under camera number 3.



Check this when you use PAN/TILT camera.

• Selected camera has <Pan/Tilt> on top of the image.

External sensor setup

na sekue p Norme	Seve	(Motion) Pi	π	Sensor retup Setup (KC/M)		
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1 [Setup]

Check on the box. The number of installed sensor and input connector should be same.

2 [NC/NO]

Choose the sensor type.

Clicking will change to [NC]<-> [NO]

([NC] is set to default)

- NC : Normal Close Type Sensor
- NO : Normal Open Type Sensor



3 [Choosing Beep Sound]

• Beep sound will occur when a signal is detected within selected time. Speaker that is located inside the system will let you know site's situation by the sound.

- Click on [Choose Beep Sound] if you wish (Beep sound occurs only within the time you set).
- Beep sound will not be operated when a corresponding number of recording schedule is set to "Continuous Recording".

Control Setup

Imp Nome 1 PC6/R/041 2 PC6/R/042 3 PC6/R/042 4 PC6/R/044 5 PC6/R/044 6 PC6/R/046 7 PC6/R/046 7 PC6/R/046	Server 2 3 4 5 5 7 7		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Sense setap Sense NCAO IP 1 III IP 2 III IP 3 III IP 4 III IP 6 III IP 6 III IP 7 IIII	6 Universidaes 17 Not une alares	
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1 [Use]

Check I the output no. to use

2 [Controller name]

- Enter controller name to use
- can be extended up to 14 characters in English. Ex) Siren, lamp, or alarming lamp.

3 [Automatic ON/OFF]

- You can enable control output in the desired time.
- It works in the desired time and the default time is between 00:00~24:00.



4 [Linked Sensor]

If you want the controller to work automatically, enter the sensor to connect to it.

Ex) When operating sensor number 2 while sensor number 1 is operating, input "1" under related control output list.

5 [Working Time]

• Enter the working time of control output in sec.

(The maximum is 3600 sec and default is set to 0 sec)

External Monitor

External monitor is used with home TV or normal analog monitor to receive and produce image output from DVR

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_							Baya Core	

1 [Sequence Time]

• Set the sequence dwell time to move to next screen in sec.

2 [Camera 1~16]

- Select the camera to display on external monitor.
- The image will be selected automatically and displayed according to the sequence time.

Image from external monitor's output uses Split Screening Method instead of {**!**} Consecutive Conversion Method when using models like DigiNet-3416 and DigiNet-34216. It might not indicate set item for external monitor.

10.2 Motion Detection Setup



This function enables you to record any activity without the need for external sensor.



[Camera]

· Click the camera you want to set up

2 [Detection Area]

. To assign the detection area, place the mouse cursor over the desired area, drag it until your aiming area is fully covered. You can designate up to 5 different detection areas in each camera.



3 [Detection area select]

· Select full screen as motion detection area.

4 [Erase selected area]

- It clears all the detection area.
- To erase some part of the detection area, move mouse pointer out of the screen



5 [Sensitivity: sensitive ~insensitive]

This function is to control sensitivity in detection every time any movement is captured on camera.

Default sensitivity is "15" and it is the recommended value.

6 [Beep Sound Occurrence]

- · When a motion is captured from related camera within selected time, speaker from inside the system will make BEEP sound to let you know the situation by selecting Beep Sound Occurrence.
- Click here 🗹 to use Beep Sound Occurrence.

(It only detects the motion within the period of set time).

• If the relating camera is set to "Continuous Recording", Beep sound will not operate.





7 [Screen Adjust]

• Adjusts brightness, color, contrast.

(You need to adjust this according to the place where the camera is installed.)

• The default value is '0'. You can adjust it from -127~126.



8 [Default]

You can reset the setting into the factory value.

)

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- 9 For all the camera [Erase selected area (Full)]
 Erase all the selected motion area on for all cameras.
- For all the camera [Area Selection (Full)] Designate full screen as motion detection area for all cameras

[Screen Size]

- Decides the size of a recording screen.
- Recommended size is 320 x 240 resolution.

(For 160*120 resolution Display & Recording speed gets better double, for 640 X 480 display quality is good but recording speed gets worse

• Default resolution is 320*240.

- (Compression resolution)
 - Choose screen quality you wish to record.
 - Screen quality improves as you set to higher value but file size per screen frame will increase.
 - Default value is 'Normal'.

Recording screen size and compression quality has a close relation.

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13 [Zooming out when motion was detected] Full Screen • When motion is detected, the screen will go from current to full size.

- Enter camera number.
- Ex) For setting camera no.1, no.2, no.3, input "1,2,3".

Caution : Put "," after camera no.

[Screen remaining time]

· It sets up the remaining time when activity was detected. Enter in sec.



<u>{</u>!}

15 [Cancel Screen zooming]

· It cancels Screen Zooming when activity was detected

16 [Detection area color setting]

• It decides the color of motion detection area in the display mode.



- 17 [Screen rotation by 4 channels (second).]
 - This function rotates with 4 channels in a split screen consecutively.
 - Rotation time should be set.

Caution : Be careful not to set above value as {**!**} '0' second. The 4 screen division will change too fast on 0 sec.



18 [Receive current image]

• It shows the current site's image again.

• When setting motion detection after connecting to center Site, it shows the initially displayed image and this function is to display it to current image.

10.3 Schedule Setup

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	15.00-19.00	MS	15:00-16:00	MS	15.0818.00	M.5		
	16/00/17:08	MS	16:00:17:00	HS.	35.0812.00	84.5		
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1 [Camera]

• Select camera number.

2 [Setting recording type]

This function is to set selected camera's recording type by each day and time.

Select time of the day and select (drag) the area and then select recording mode from [Record Mode].

If you need to set minutes too, double click on corresponding time and you will see a picture that looks just like below. Drag either to left or right.

4 [Record mode]

• This function is to set recording type along with day and time for selected camera.

• After choosing day and time from selected camera, selecting more than 1 record mode will change selected time setup within selected time.

• If you erase all the record type from [Record mode], selected setup time will change to no record mode.

• Default is 'Motion & sensor record' of 24 hour continuous record.

[Indication by record type]	[Supported record mode]
 C: Continuous Record M: Motion Record S: Sensor Record P: Free Alarm Record 	 No record Continuous record Motion record Sensor record Motion & sensor record motion & free alarm record Sensor & free alarm record Motion & sensor & free alarm record

11:00-11:37		
€ ()1 min	59 min 🗲

3 [Simple/Advanced mode]

This function lets you to select by minutes instead of hours depend on recording mode.

A pop up menu will appear if you click [Simple mode] on the right hand side of corner. Time setup selection is depend on mode type.

[Advanced mode] gives more option for time setup. You can set different time for each day.



[Continuous Record]

• This is used when continuous recording is done without motion detection.

[Motion Detection Record]

• This function records only when it captures any movement.

[Sensor Record]

• This function is to record by inputted sensor's signal.

• Sensor setup can be done by camera and use time. If sensor is captured within selected time, related camera's image will be recorded or related control will operate.

• Sensor input signal will be ignored if anything occurs outside the setup time.

• If related camera or time line is set to 'Continuous Record', then Sensor Record cannot be used.

[Pre Alarm]

• When a motion is captured on camera, then camera will record every moment of the motion occurrence in addition to five seconds before the motion was detected.

(But, recording speed may decrease if you setup several cameras with it).

• If the corresponding camera or time is set to 'Continuous Record', you cannot use Pre Alarm function.

	Conveso 1	Weekde		Sonadop		Sunday/Hoklay	Advanturade	
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	8208-83.08	#15	02:00-02:00	MS	02:00-01:00	NS	Record mode	
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-	10081108	HS	10.0011.00	MS.	10.00-11.00	HS U	Comp in	110
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	19:05-16:08	H9	15.0018.00	M.5	19.00.16.00	HS.		Car
	1606-1708	NS	16.00-17:00	MS	16.00-17.08	HS		Cer
	17:08-18:08	HS.	17.00.18.00	MS	17001808	HIS		Car
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	2205-34:08	HI	25812480	#5	23:00-24:08	HS.		C.B.

6 [Copy]

• This is an application to copy and transfer setup information from currently selected camera.

• A pop up menu will appear on the right hand side when you click [Copy]. Currently selected camera will copy to camera you chose from the pop up list.

6 [Holiday selection]

You can pick any specific day (s) of the year and set it as holiday.

Warning: You must press [Save] button from [Schedule setup] in order to store information on any changed holiday.

Holiday Setup

		2	001.1	0			Holiday	Rotate
Sun	Mon	Tue	Wen	Thu	Fri	Sat	2001-10-29 2001-10-30	Month
	1	2	3	4	5	6	2001-10-31	Year
7	8	9	10	11	12	13		
14	15	16	17	18	19	20		
21	22	23	24	25	26	27		
28	29	30	31					
						Today	-	
Rotate		[None	_	_	•	-	

1 [Calendar]

Select any day you want to designate as holiday.

- << : Move to last month.
- >>: Move to next month.

Today : Shows current Month/Day/Year.

2 [Rotate]

You may choose specific Month/Day/Year as holiday.

If you select [None], one day will be designated as holiday and for that specific day only.

3 [Holiday List]

This function is to show designated holiday date and its repeated date or period in a list.

Any additional holiday dates will be stored in the list in an alphabetical order.

4 [Add]

This function is to add holiday date you have designated.

Designated holiday date will be added to [Holiday List] when you click [Add].

5 [Delete]

This function is to delete stored holiday date.

In order to do this, select the date you wish to delete from [Holiday List] and click [Delete].

10.4 Site Info

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1 [Site Information]

• Enter site code, place, version, installation guide & date and Warranty date. Etc.

(you must enter site code.)

{!} When you try to connect to site from center, system checks site code and password together. And if they are not identical , the connection will be disclosed.

10.5 System Setup

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[Automatic system off]

the desired date and time

[Time to reboot the system]

• It sets up the time to reboot the system everyday automatically. (This is used for stable operation of the system.)

• To use this check on 🔽 [Use]

3 [Emergency Phone number]

• You can register up to two phone numbers when you use dialup modem.

• When the first emergency phone number is unavailable to connect, system tries to connect to the second emergency phone number.

• [Emergency IP Address]

• When you use Center over the LAN, enter "Emergency IP Address"

4 [Water Mark]

[Using Watermark]

You can put Watermark authentication onto the image. If you check on the box 🔽 you can use Watermark function.



5 [Displaying "Watermark"]

Displays "Watermark" on the image. If you check on here I the image will have Watermark authentication mark.



6 [Setup site backup]

• This function is to setup backup schedule for backup data from the Site including backup date/time, rotation repetition, backup media, and order of priority (Refer to Page 60).

(1) What is watermark ?

BMP and JPEG images can be modified. To ensure the original is a true original that has not been modified, special protection called 'watermarking' is encoded onto the image. Any changes to an original image, including just one pixel, will inform you that the image has been modified.

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	0
	3 Delete
4	

×



[Title of back up setting]

This function shows a reserved list of Date/Time, Rotation, and backup media in backup data.

It consecutively progress backup according to setup time of the backup schedule.



This function is to add recording time of backup data, rotation time, and backup media which will record data.

3 [Delete]

Deletes reserved list from backup schedule setup list.

4 [Setup]

This records information from backup schedule setup list.

Information from backup schedule setup list will not be recorded if you do not click [Setup] button.

Add Backup Schedule



[Title]

Type additional title in backup schedule setup list.

[Date/Time]

(2)

3

- Choose the Start and End date from the backup data.
- Time should be setup beyond current recording time.
- Setup time will be ignored if the recording time was set earlier than the current time.

[Rotation option]

• There is NO designated date/time in year/time in month/time in week so you can set the rotation time.

· Backup schedule will only apply for one day if you select [None] for designated date/time.

[Starting time for backup after recording is done]

After backup data finishes the recording, this function lets you to designate the backup starting time after End time is set.

You can set it immediately and from 1 hour to more than 4 hours.

6 [Media List]

Choose backup data to record it to backup media.

· Media list can hold up to 8 lists, when you fail to record it to an initial media, backup will start automatically to the next media.

• Selectable media types are HDD, DC-RW, portable drive, and Network drive etc but floppy drive is excluded. It means all of the write-recordable media which designates characters are supported by physical/logical media systems and you can select remote drive using IP address.

[Up/Down/Delete]

· Listed order for backup media can move from up and down. Also, selected media can be deleted.

[Add media]

- · Backup data can add the media you will record.
- Maximum number of adding backup media is up to 8 (Refer to page 62).



[Old data is deleted when there isn't enough recording space available]

· Backup data will record old data if there is not enough recording space available to record continuously.

[Deciding priority]

· Designate backup data's priority.

 Wait until progressing work is done: If the backup data is working currently and not all the data have finished its backup, then all the data need to complete its backup before currently chosen backup to start.

· Start your backup after the current work is

completed: When the current backup data is

completed, go ahead and backup the data you

selected before the data that is waiting after the current one.



7 [Add]

· Add the designated backup setup to backup schedule list.

set backs	p media	
Select med	la dive	2 C Recole She
Path	0:	P11.5612.00
	0 d 0 d	#Instein L
	a g	<u> </u>

[Local Drive]

You may choose HDD or removable drive (MOD, DVD-RAM, ZIP, USB HDD etc), CD-RW, Network drive.

Among the systems that are physically and logically installed, all of write-recordable media is supported.

2 [Remote Drive]

Using IP address, select this option where Center S/W is installed in remote area when backup.

In order to backup in the remote area using IP address, Center S/W need to be installed to remote PC or File server. When installing Center S/W, Remote Backup Server program should been executed which is provided together (Refer to Operating Center Manual Page 64).

In order to do the remote backup setup, Remote PC or File Server's IP location and password is required while Remote Backup Server program is executing.

Remote Drive

ect backup media		
Select media		
C Lood dive	Remote thive	
91 F	Pattern Dit 54 12 101	
	pinere la	_
	Parsword 3	
		1

1 [Select drive]

Input IP address and password and select [Select drive].

In order to connect to Remote Backup Server for remote backup, remote IP address and registered password from Remote Backup Server program is needed.

10.6 Miscellaneous

SITE Setup	
Hardvare untar Hotor untar Schedule Lite Internation Setup updates Differ	
Distage Loneers Divide bitude	
2 Redard als upters	
	

 \bigcirc



[Screen Divide Mode]

• Select Remote from the site for camera that is being detected.

(1,4,6,9,10,13,16 split screen, full screen magnification and possible to convert to 4 screen).





2 [Restart Site]

• Site's DVR system from center can be remotely restarted if necessary.

11. K-Remote Backup Server

- Using remote drive backup function from the site, this function receives data while backup is in process, and executes automatically when center program is executed.

Charge Bassivos	up tite	Upfead file asese	Upload progress .
Hereit Ink	alls	CAMANEMOSCIPH/PATELIAC PHS201100-92CP4054CE 307817/040006191	36/091204013611
04		2	
211 51 192 115 - 0	constant and		
211.51.192.115 : Co 211.51.192.115 : Do	connected scannected	-	-
211.51.192.113 : 04	scannected	3	
211.51.192.115 De	exected ensected	Ŭ	
11.51.192.113 : Cr	Instant		



[Change Password]

• When doing a remote drive backup from the site, you may change the password.

[Backup log]

• Using remote drive backup function from the site, you can check the backup data list and its information from remote backup server program



• Using remote drive backup function from the site, shows current transmission of file size and file name, backup title, IP address of connected site, and site code in a list.

• Remote Backup Server program supports unlimited multiconnection and data transmission from connected site can be backup simultaneously.

3 [Connection list]

• If a connection was cancelled after the connection was made, this shows the IP address and a status of current connection.

11.1 Change Password

Change Password		×
Old password :	-	OK
New password :		
Verity:		Cancel

1 [Change Password]

• In order to backup a data to a remote drive from site, you can select remote drive after typing IP address and password of where Remote Backup Server program is installed, and this function lets you change that inputted password.

Excluse bot Encluse into Encluse into 21151142 Encluse 1 Encluse 1 21151142 Encluse 2 Encluse 2 (1) Encluse 2 Encluse 2

11.2 Backup log

1 [Backup list]

• This function shows transmission start time and IP address of remotely backup data in a list of Site code.

2 [View log]

- You can see a detailed received information of transmittal data from selected site from [Backup list].
- You can also see the information from corresponding list by double clicking on [Backup List]

3 [Delete log]

- This function is to delete the received information which is registered in [Backup list].
- In order to delete registered list, select the list you wish to delete from [Backup list] then select [Delete log] button.

4 [ОК]

- End [Backup log] widow.



[Client Information]

• This shows remoteness backup data's IP address and Site Code from the site.

[Backup Information]

• When you setup the remoteness backup, this shows the title for inputted backup data.

3 [Backup Start time]

• This shows transmission start time of site's remote backup data.



4 [File Transmission Information]

- You can see a status of detailed file transmission of site's remote backup data.
- Also, it shows transmission start and end time by each file and file name etc.



• End [Log content] Window.

12. Searching Backup Data



(

He Code List	
	 ✓ Backup Data ✓ Removal HDD Drive Data ✓ Site NowScreen ✓ Site Search Data ✓ Ct. ■
	Ok Cancel

2 [Search Mode Select]

• This window allows you to select backup data type.

inch Mode Select	
100-113 : {768E1AE0-052D-11D6-92C8-0050CE307B17}	 2 • Backup Data 3 • Removal HDD Drive Data 4 • Site NowScreen 5 • Site Search Data 6 • • • • • • • • • • • • • • • • • • •



1 [Site Code List]

· Backup data's Site Code and its key value will be displayed.

• It is possible to distinguish by Site Code when backup data is stored from many sites in backup medium.

• If there are several Site Codes, click on the corresponding site code you want to search for.

[Backup Data]

• Using backup function from site program, this will be used to search the stored data in backup systems like CD-RW, DVD-RAM, ZIP, MOD, USB HDD.

• Using remote drive's backup function or network drive connection, you can search for backup data that is stored in a specific drive.

(But, when doing a backup by connecting center's specific drive to network drive from site, it must own the whole corresponding drive).

3 [Removal HDD Drive Data]

• This is used when you search for data that was backup from removable hard disk

(Current Site program does not support removable disk, but it will be supported from later version).



4 [Site Now Screen]

• When displaying current image after connecting to site, this will search the stored data from Center again.

5 [Site Search Data]

• This will search the stored data from the Center again when you search the stored data from site after connection was made.



6 [Select backup drive]

· Select drive characters like hard disk which stored the backup data or CD-RW, DVD-RAM, ZIP, USB HDD, MOD etc.

• Drive character can support all drives that can be recognized from window except floppy disk drive.



• Selecting [OK] button will change it to search screen to search for selected backup data.

[Search Backup Data]

When you finish selecting backup media's drive character that stores backup data and Site Code, select [OK] button and do the same search like you did to connect to site

(Refer to page 28).

13. Audio Replay





[Audio Play Configuration]

• This function is used when you search for backup data again or current image that is stored in center to produce voice output.

• When you click the 'Audio Play' icon. The audio play configuration window like left appears. Ct your settings for audio play back.

- Check on "Enable" on 'Audio Play' item.
- Adjust the volume properly using 'Volume control'.

2 [Audio Play in Search mode]

• Audio can be played only on one selected channel. You cannot play audio watching more than one channel. You should choose one channel to play audio.

•Only one channel that is setup for audio can be played on fullscreen mode or searching in 1channel mode. (Audio playback does not work on searching on multiple channels.)

• Video loss can take place within the first 1~3 seconds of play back, this is due to the video and audio synchronization and is not a fault.

•Audio can only be played back in normal forward play. Reverse Play or Frame Play is not possible.

•Skip and delay cannot be used with audio play back

• Voice playback will not be supported while searching after connection was made with the site, but the voice playback function will be supported while searching after the searched data is stored in center.

14. 2Way Audio



Connect 2Way Audio

[Connecting 2Way Audio]

- Both direction's voice conversation is possible when you connect form the Center to Site.
- Select this db button to connect 2Way Audio after connecting to site.
- If you choose 2Way Audio while transmitting current image, it might temporally delay image transmission to initialize sound card but this is not a fault.



[Both direction conversation for using 2Way Audio]

· You can hear a voice through speaker simultaneously with 2Way audio program execution and you can also transmit the voice to the site using microphone as well.

· When 2Way Audio is connected from center while recording audio from site, audio recording from the site will discontinue while 2Way audio is connected, but if 2Way audio connection gets cancelled then site's audio recording will execute.

• If several centers are connected to a site, an initial center may connect to 2Way audio. When connecting to several sites from center then the most active site may connect to 2Way audio.



[End 2Way audio connection]

• When you select window's upper right hand corner of [X (close)] 2Way Audio box, you can end 2Way audio function.

• When you select window's upper right hand corner of [-(minimize)] 2Way Audio box, you can minimize audio window.

System Setup for 2Way Audio Function

(Setup volume function for 2Way audio)

• In order to use 2Way audio function, you need to designate yes or no selection for 'microphone' to receive voice from voice input coarse from "Record" window.

• Execute 'Multimedia' from window's Control Panel.



• Select [Record] button from 'Multimedia properties' window then execute 'Recording control'.

ultimedia Properties	1
Andio Video HIDI CD Musia	Devices
Playback	
The Preferred gevice	
Avenue AL 37 Audio	
To select advanced options, click. Advan	need Properties
- Receding	
P teent davie	1.1.1.2
Avaries AC197 Audio	-
To select advanced actions, click. Active	ced Properties
C Use only preferred devices:	
P Show volume control on the facilities	
OK Carto	and the second

• Select 'Option \rightarrow Properties' when recording control window is executed.



- Select 'Microphone' from "Properties" window and click [OK].



• When you select [OK] button, microphone item will appear as following (Recording Control) window. Select 'Select' from 'Microphone' item.



{!_

• When 'Select' is not checked from 'Microphone' item, 2Way audio function will not operate normally.

• In order to use 2Way audio function, above information should be applied to center and site simultaneously.


2 [Advanced Microphone setup for Microphone input]

• From a condition where volume control for microphone input is maximized but microphone's input signal is weak, following setup will amplify the input signal.

• Go to 'Start \rightarrow Program \rightarrow Accessories \rightarrow Entertainment \rightarrow Volume Control'



• Go to 'Options \rightarrow Properties' then, below window will appear.



Properties 2 X	
Mixer device SB PCI128 Mixer	Soundcard mixer is installed in each system.
Adjust volume for	
Playback	
C Recording	 In order to use 2Way Audio function
O the	"Microphone" should be set from "Properties" tap.
Show the following volume controls:	
Sertexian A	
Microphone	
X Line I	
OK Cancel	

• 'Advanced' button will appear under applicable columns when you select 'Option -> Advanced Controls

• You can go to 'Advanced Controls for Microphone' by clicking 'Advanced' on 'Mic' taps in 'Volume Controls'.

I Volume Cont	rol				
Ogtions Help					
Pjoperfier Advanced Co Egit		Wave Balance: B	Microphone Balance: B	Line Balance:	Audiay Balance: B
Volume:	Volume:	Volume:	Volume:	Volume:	Volume:
Ī			Ť		
Mute all	∏ <u>M</u> ule	☐ Mute	Advanced	∏ <u>M</u> ule	□ Mute

• Please adjust the options to fit into your system and check the sound output from 'Other Controls'.

Advanced Controls for Microphone	×
These settings can be used to make line adjustments to your audio.	
Tone Controls	
These settings control how the tone of your audio sounds.	
Boos: Low U	
Ineble: Const. United and the Sign	
Other Controls These settings make other changes to how your audio sounds. See your hardware documentation for details.	
Close	

[Tips]

• Click on 'Mute' which is circled on the left picture, if you do not want any voice output from a speaker that was inputted to the microphone but record the voice only or if you just want the output of searched voice from the speaker only when installing a microphone.

• When the system doesn't support 'Microphone Boost' function, 'Advanced' button may not appear. In that case you can solve it by using a more sensitive amplified microphone.

• Sound card must be installed properly to use voice recording function.

2Way Audio Function will not work if,

- · Your voice will not transmit to receiver if 'microphone' is not selected from "Recording Control"
- 2Way Audio cannot be connected from Site to center
- (2Way Audio Connection is possible from center to Site)
- 2Way Audio function cannot be used if center is not connected to site.
- 2Way Audio connection will end if you disconnect the most active site among several sites from center or switched to other site.
- If you end the connection for Center program then 2Way Audio function will end as well.
- You cannot use 2Way Audio function if you do not have sound card or if sound card driver is not installed.
- If the sound card does not support Duplex Audio, you cannot use 2Way Audio. In other words, you should be able to hear sound (Wave) when recording Micro Phone (Most recent sound card supports Full Duplex Audio).
- If you are using recording function from other software, you cannot use 2Way Audio function (Audio input by using microphone from sound card can only be used from one logical program at once).
- If the sound card does not want to support to mix several sound sources simultaneously then, 2Way Audio function will not operate normally.
- (For example, when using Audio program while trying for 2Way Audio connection, 2Way Audio cannot operate normally if its sound card cannot support the function.

15. Intelli Upgrader

-Using IP address that is registered in connection list of center program, this function can upgrade DigiNet program to a new version that is remotely executing to a Site.





Execute Intelli Upgrader program that was basically provided when installing center program from desktop window.

15.1 Execute Intelli Upgrader

a set to be a set of the set of t	8" Address	Description	
189-101	211.54.12.1.	Test Bases	
189-102	211.54.12.1	TestBaak	
189-103	211.54.12.1	Test Rasm	
189-104	211.54.12,1	Teat Ream	
189 105	211,54,12,1	Test Room	
189-108	211.54.12.1.	Test Barn	
100-100	211.56.12.1	Test House	
101.05	10130121	Lon Base	
0			
(1)			
U			
C Langeson	(Rautor) C PS	THURSDAINS Flander)	
r Langson	(Radar) (* 195	TH/RSDM(Me Rander)	
r LanfSDN plate Packa	(Paulor) (* PS	DQRSDN(No Rautor)	
r LandSDN pdate Packa	(Paulur) (* PS	DQRSD4QNo Rautorj	
7 LangSDN pdato Packa Nothinge Ver	(Flander) (* 195 Ge ndanci matisete	TRUESCHIEMe Flander) oberli	
✓ Lan¢SDN pdats Packa Sochage Ver	(Planakar) (* PS G# olanci natisete	(19,85399)is Rooter) steel	
7 LangtSDN pdats Packa Nothinge Ver Nothinge Inco	(Plander) (* 195 (P okas: auftsete okas: auftsete	TRATECHEMIS Flander) ofeni. ofeni.	
* LangSDN pdats Packa Nothingt Ver Nothingt Inco Nothingt Inco	(Plander) ← PS (P elan: nationle rites: nationle ck: nationle	TRATECHEN: Flander) ofeni. ofeni. ofeni.	
* LanfSDN pdats Packa Seekage Ver Seekage Inco Seekage che	(Plander) (* PS (P olani antisete rika: antisete ek: antisete	Th/ES248/46 Rander) ofest. chod.	
* Lanftöber palate Packa Seelange Ver Seelange Inco Seelange che Package che	¢hander) ← PS ge olani antisete ekon: antisete ekon: antisete ikezt	TRATESTANJAN Facatory atrat. atrat. atrat.	

[Intelli Upgrader Execution screen]

Sile code	Permot	
IP addecs	Current	-
100.101 211.54.12.101 Tw 100.102 211.54.12.102 Tw 100.102 211.54.12.102 Tw 100.104 211.54.12.102 Tw 100.105 211.54.12.102 Tw 100.106 211.54.12.105 Tw 100.107 211.54.12.105 Tw 100.107 211.54.12.107 Tw 100.107 211.54.12.107 Tw 100.108 211.54.12.100 Tw 100.109 211.54.12.100 Tw 100.109 211.54.12.107 Tw	f Roan d Roan d Roan d Roan d Roan d Roan d Roan d Roan d Roan d Roan	
Carrect 4	ott Dolete	Cent

[Site info from Center Program]

1 [Site Information]

• It shows connection information for center program's registered IP address, Site Code, and password etc. You can also choose the site you wish to upgrade for program.

Intelli Upgrader program does not support specific change or deletion, and input process on site information.

2 [Line Type]

• Possible use of line types are LAN, PSTN, ISDN, and its exclusive. When using ISDN or exclusive line, communication can be made using router.

• It is possible for ISDN to communicate like PSTN by direct connection (dial type) without using router (Refer to page 23).

3 [Update Package]

• This shows program information on selected version of updated package program and original document storage folder, and integration testing result.

[Package select] A

· Select the folder that has original document of update package program.



5 [Start update]

• Start the program upgrade of its corresponding site using selected site information and update package program.



6 [Start update]

End Intelli Upgrader Program.

15.2 Remote Upgrade

Intelligender Fill D	● IOita Information1
Site Information	
SiteCode IP-Address Description 100-101 211.54.12.1 Test Room 100-102 211.54.12.1 Test Room 100-102 211.54.12.1 Test Room	 Select the site you want to upgrade for program
106-105 211.54.12.1 Text Ream 106-105 211.54.12.1 Text Ream	[Package select]
180-186 211.54.12.1 Test Horen 180-187 211.54.12.1 Test Horen 180-188 211.54.12.1 Test Horen	 Select [Ok] after selecting new version package folder that is stored in Hard disk or its network folder.
1	 Designated folder must have package folder (Data1, Data2, Data3, Data-a, Data-b etc.).
17 LaufSCON(Reader) / FSTM/SDN(Ne Reader)	Or all files in package folder must be included in one folder).
Update Package	3 [Start update]
Package Version: not selected. Package location: not selected. Package check: not selected.	 Start upgrading corresponding site's DigiNet program after selecting site you wish to upgrade and package folder by pressing [Start Update].
steliilpdate 😰 🗙	
Select Package directory IVQSERVERVH-Shared/Kodicom Site	 When upgrading to a new version using Intelli Update, upgrading does not support floppy diskette. Therefore, we recommend you to upgrade after copying the whole media on hard disk or diskette that can hold large volume.
B Driver B F F Shared	If there is no file or package folder in certain folder
B G Ghared	due to a wrong folder designation, or if the damage
	had occur to the file, then it will not be considered as
⊕ kdb ⊖ Kadican Site ⊕ Data1	normal package so the program will not upgrade
OK Cancel	normaliy.
www.argion.of.nogleggg.program folder coloction winds	

4 [Integral package test]

• When you designate package folder, program installation process will appear to do integration testing for update package program, but program will not actually be installed.



[Integration testing]

77

5 Upgrade will start after selected update package program is transmitted to site when you select [Start update].

Site Code:	100-102	
Connection:	Connected	Ø
Version Check:	checked site version	Ø
Download:	Data3.dat	
Site shutdown:	Wait	
Update:	Wait.	
Hadata at tat	Dragageing	

[Program transmission and status of upgrading process]

6 When you select [OK] button after upgrade is completed, system will restart automatically and DigiNet program will execute again.

Site Code:	100-102
Connection:	Connected
Version Check:	checked site version 🗵
Download:	File transfer complete
Site shutdown:	Successful shutdown site
Update:	Successful update
Update state:	Complete
	OK Cancel

[Completed program transmission and upgrade]

2. Web DigiNet Manual

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1. Setup Web DigiNet



Download Web DigiNet

1 [Connect to Homepage]

- Select the place you wish to connect.

In order to execute Web DigiNet Center program or to download, select temporary place indicated on homepage after connecting to linked web site.

• If Web DigiNet is already installed, select installation place that is indicated on homepage to connect to site.







[Security Warning]

• [Security Warning] message will appear when you connect to a specific site from homepage when Web DigiNet Center program is not installed or when installing for the first time. Select [Yes].

C 24% of DATA-A	DAT Completed	×
3	<u></u>	
Retrieving the Ne		
DATA-A.DAT from 2	11.54.12.115	
Estimated time left	4 sec (1.01 MB of 5.53 MB copied)	
Transitie	1060 KB/Sec	
	Cancel	

3 [File download]

• If you select Yes from [Security Warning] window, it will download installation file for Web DigiNet Center program. When download is completed, installation will automatically be executed.

• If Web DigiNet Center program is installed already, it does not download file and it will immediately connect to selected site after Web DigiNet Center program is executed.

• Installed Web DigiNet Center program can be deleted using "Program Add/ Delete" function from window's [Properties].

Warning

Some functions for Web DigiNet Center program among normal Center program are limited. If you install Web DigiNet Center program while Center program is installed already, then you cannot use some functions for existing Center program.

1.1 Setup Web DigiNet

1 Select 'Next'



2 Check on il accept this License Agreement' and click 'Next'



3 Select 'next' after selecting pass to install Web DigiNet Center program.









5 Select 'finish' when program installation is completed.

di Lokce Bythe Cone 2	
	Installation is completed successfully. Thank you to establice of Eighter Center.

6 Web DigiNet Center program's icon will be placed on Window's desktop. Click on any homepage you wish to connect then installed program will execute automatically and then it will immediately connect to selected site.



Tip

When you double click on Web DigiNet Center program's icon installed on desktop, you can use it the same way you use for normal Center program. But some functions for 2Way Audio or remote backup server, and remote upgrade functions that are supported from normal Center are limited.

2. How to connect Web DigiNet



Connect to Site

1 [Method to connect site]

 If installation for Web DigiNet Center program is completed or installed already, select installation place for site indicated on homepage, then Web DigiNet Center program will execute and will connect to corresponding site. Current site's image will be displayed simultaneously with connection.





2 [Site connection]

• Once Web DigiNet Center program is connected to site, site's current image will be displayed immediately.

[Tip]

Miscellaneous use method for Web DigiNet is identical with Center program's use method. Please refer to [DigiNet Center Manual] for more detailed information.

Warranty Guide

This product has passed thorough quality control and test, and if this get broken during normal use we provide 12 months warranty service.

Warranty Guide

- Check this warranty sheet first.
- □ Please contact the distributor after checking out any defect in the product.
- □ The standard for repairing, replacement or reimbursement follows Customer

Warranty Content

□ Any defect under normal use within the warranty service period we give you free repair service according to the warranty sheet.

□ We charge you with the fee of parts and service despite free warranty service period.

- 1. Any breakage made without care.
- 2. Breakage or trouble made by natural disaster.
- 3. Breakage or trouble made by breaking the product guide or manual.
- 4. Breakage or trouble made by wrong power voltage or frequency.
- 5. When you want to reassemble for full system or replace parts within warranty service period.

6. When unauthorized engineer modified or made damage on the product trying to repair it, we may charge you with the fee.

□ We don't support the breakage after warranty service period. If the customer wants to get it repaired, we charge them with the fee.

Product Warranty Service Sheet

Product & model name		
Product Serial Number		
Distributor		
Date you purchased		
Warranty Period		1 year from the purchasing date
Customor	Name	
Customer	Address	

> This warranty sheet may not be provided again.

- > Please get this sheet filled when you purchase the product.
- > You should show this warranty service sheet when you get a warranty service.

