DVR-Net installation Obsługa i instalacja DVR-Net



NVB-xxx/xxA NVB-xxx/xxB/BLV NVB-xxx/xxMPG



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DVR-Net installation



NVB-xxx/xxA NVB-xxx/xxB/BLV NVB-xxx/xxMPG



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Technical modification are subject to change without prior notice. Misprints reserved.

1. Introduction:

- 1. Suport TCP/IP
- Support communication protocol to log in DVR.
- 2. Real time Monitoring of DVR motion Picture.
- Log in DVR-Net and monitoring all DVR system image in Real time.
- 3. Searching and Recording DVR data;
- Various feature for Search and Recording, and even bring data to save it on the local computer (network).
- 4. Two way Voice Communications
- DVR-Net provides voice communication capabilities with the DVR-Main system.
- 5. PAN/TILT/ZOOM/FOCUS remote control
- PTZ controls can be attained by manipulating DVR-Net program.
- 6. Manipulate DVR-Main User Settings
- Ability to enable/disable of DVR cameras, and to change recording schedule and setting of sensors over DVR-Net.
- 7. 'Notify' (Automatically message alert sent from DVR-Main
- When DVR-Main detects motion or sensor trigger, DVR-Main notifies its event and automatically turns on DVR-Net (when DVR-Net is minimized)
- 8. Compatible O.S
- DVR-Net supports Windows 98/ME/2000 /XP.

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2. Installation:

Click "Setup.exe" and follow the message appears.



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2.

 InstallSheld Wexed
 Image: Comparison of the stand Net in the following folder:

 Dvr. +Net
 Image: Comparison of the stand Net in the following folder:

 To install to this folder, click Next. To install to a different folder, click Browse and select another folder:

 Destination Folder:

 CvProgram Files:

 DvPr. Net

 Bitowise:

 InstallSheld

 < Back</td>

 Cancel

3.



4.



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3. Using Net software:

1. DVR-Net Login setup

Run DVR-Net. Then following dialogue box appears, which is asking of ID of DVR-Net.

No V us'	Login
Login Name	
Password	
Minimalize	screen
Login New	Edit Cancel

- Login ID/password is for the authorized manager who controls the local network system.
- Note that login name and password here is for DVR-Net program. It is different login and password than that of DVR-Main.
- New Create the new user (management) who wants to have the new network system.
- Edit Change the existing information of registered user.
- Cancel Exit without change.
- Minimized screen Make the tray icon o the network program. Used for Remote notify.
- 2. In case of set-up at first time, click "New", And type the information of user as follows.

Create New User	
Description Login Name Password Confirm P/W	
	OK Cancel

- Login name ID for DVR-Net program user.
- Description Reference note
- Password Password for Login
- Confirm P/W—Reconfirm the password.

Note:

This ID is for local manager, which is not ID, necessary to access the DVR-MAIN. Normally the authority of former ID shall be higher profile than later ID person.

After you input the above information, click "OK". And then, following screen will appears.

3. Add, Delete and Edit site information

Site Name (Code)	IP / Tel #	Method	
eneriane (eede)		monou	

- New Input the new information of the newly registered site.
- Edit Edit the existing registered information.
- Delete Delete the registered information.
- Close Exit

Note:

The same site name can not register twice. Information of the site which is in connection, can not be edited or deleted.

Click "New" when there is no registered information.

Add, Delete and	I Edit Site Information
Site Name (0	Site Information
	Site Name test Method TCP/IP IP/Tel# 192.168.1.203 Username 1 Password 1
	OK Cancel

- Site name Type system's name or site name.
- Method Select "TCP/IP" when you are using LAN, .
- **IP/Tel** Type IP address of system.
- User name Type ID, registered in DVR-Main.
- **Password** Type password, registered in DVR-Main.
- **Property** set the port No, witch was stored in accordance with "Appendix > DVR Management > Detail setting " in DVR main/ User's Guide. It is recommended to use the default data stored in DVR program unless otherwise.

Network p	oort settting	
1st	3000	ОК
2nd	3001	Cancel
3rd	3003	
4th	8800	
*(1024 1	~ 65535)	

Then, you will see the following menu box.

If you want to edit or delete the data already stored, click "Edit" or "Delete" to change the data. (For adding the name of new site, click "New" and Type it in lists.)

IP/Tel#	Method	
192.168.1.203	TCP/IP	
	IP/16(₹ 192.168.1.203	IP/TeI≢ Method 192.168.1.203 TCP/IP

Click "close" after you input all information and then the following menu appears.

Configura	ation Settings
	Change Login Password
	Add, Delete and Edit Site Information
	Setup Connection Mode
	Display Configuration
	Delete Current User

4. Configuration Setting:

- Change Login / Password change the password for log-in;
- Add, Delete and Edit Site Information add, edit or delete the registered data;
- Setup Connecting Mode select one of Single site connection or Multi site connection;
- Display Configuration Various configuration can be set up such as no. of split screen at initial stage / directory for log file to be stored / switching interval / caption mode and "name display"
- Delete current user delete the current user.
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Change Login password

Change Login Password	OK
Old Password	Cancel
New Password	
Confirm Password	

- Old password Type the existing password for log in of the site.
- New password Type the new password to be changed.
- Confirm password re type the new password to be re-confirmed.

Add, Delete and Edit site information

If you need to revise any information you can edit here. Check "New" for register new site. And Check "Edit" for editing the existing data. And check "Delete" for deleting the existing data.

Setup Connecting Mode

Setup Connection Mode	
 Single Site Connection 	
Site Name (Code) test	•
Connect On Login 🔽	
C Multiple Site Connection	
	OK Cancel

- Single Site Connect check when you access one site of DVR –Main;
- Site Name Select the site name which was registered in "Add, Delete and Edit site information"
- Connect On Login Connect on star of the NET program;
- Multiple Site Connect check when you access multi-sites with multiple DVR-Main;

POS	Site Name (Code)	Camera Number(s)	POS	Site Name (Code)	Camera Number(s)
I 1	test	1	9 🗹	Demo system 💌	4
2	test 💌	2 •	🗹 10	Demo system 💌	Partial - 5,6,7,8
⊽ 3	test 💌	3 🔹	M 11	Office •	1
☑ 4	test 💌	4	M 12	Office 💌	2 •
▼ 5	test 💌	All	🗹 13	Office 💌	3 -
▼ 6	Demo system 💌	1	🗹 14	Office 💌	4
7	Demo system 💌	2 •	M 15	Office •	5 -
7 8	Demo system 💌	3 •	🗹 16	Office •	Partial • 6.7.8.9.10.11.
« »	1				OK Cancel

- Pos check if you want to Access this site by automatically jogging on.
- Site name Type this site to connect.
- Not Used type it if you don't like to connect;
- Camera number (s) choose no. Of camera, all, partial
- All choose all of camera.
- Partial choose when you select the camera partially like POS/ no. 7 site, which selected 1,5,7,9 camera. This displays listed camera sequentially.

Display Configuration

nitial View	4 💌 Screen Switching 1 💌 Secon	nd
Data Location	c\DVRData Bro	owse
Log File	Bro	owse
21.000		
On-screen Disp I Positic Display Name	ay on Number 🔲 Site Name (Code) 🔲 Camera Number / Name On Mouse-Over. 💌	
On-screen Disp Positic Display Name Use IP Server	ay on Number T Site Name (Code) T Camera Number / Name On Mouse-Over 💌	

- Initial View you can select the channel no. on the screen at the initial view, among 1,4,6,9,10,16 Channel.
- Data location it designates the folder to be stored when it was selected to record At DVR-Net. That is when you click "save" on GUI of DVR-Net.
- Log file it indicates the location and the file name to store the event log contents.
- Switching it is the switching time in second between the present camera image to the next camera image while they are changing sequentially.
- On screen display it selects the subject name to be shown on screen among "image position No", "site name", "camera No/Name".
- Display Name: It give a selection of how to indicate the images .
- Always The information are shown on the image skin at all times.
- On mouse over the information are shown only when you move the mouse to locate at the subject.

eng

Delete Current User

Configurat	ion Settings
	Change Login Password
	Do You Want To Delete The Current User? Yes No Disprey Cominguration
	Delete Current User
	Apply Close

From this menu, you can delete the registered users in DVR-Net.

Note:

Prior to deleting of the present user, you must memorize all of site information registered, and created on DVR net by the use of that user name, Otherwise you might lose all information which were stored in the user's profile.

4. Accessing DVR-NET:

10000	Login
Login Name	
Password	
Minimalize scr	reen

Type login and password and click "LOGIN".





Data/Time—it is indicating the time and date of the location of DVR-Net

Login Name—ID of manager for the network system control Event Information—it is the place to be indicated any of event notification from DVR-Main. Of course, it is when ,,remote notification of events" is checked in DVR-Main;

Transfer Status—This is indicating connecting Speer as Benach Mark only



Login to DVR-Net / Logout

	Camera
	Image
Cor	npression Rate
S	etting Config
	Save

Camera—you can control the PTZ camera from DVR-Net; **Image**—you can set the image quality as: Brightness, Contrast, Solution and Hue

Compression rate—you can set the compression rate of image quality

Setting Config.— Click this tab to do configurations as described in chapter 3

Save—Click it to save not only the images which is viewing as live image in DVR-Main, but also the recorded images at DVR-Main by playing it back by Remote Search



Setting - Change the settings in DVR-Main through DVR-Net.
Local Search – Playback data in the DVR-Net system.
(Data must be saved in remote search first in order to do local search)
Remote Search – This search is playing back the data, recorded in DVR-Main



Sound Control—These taps make to enable voice communications between DVR-Net and DVR-Main. For this function, "Sound Recording" of Settings in DVR-Main must be checked.

Sensor output 1 2 3 4 5 6 7 8

Sensor output - With these buttons, you can directly activate the relays out in DVR-Net

5. Local Search:



By manipulating this search, you can search the data recorded in DVR-Net. Clicking this button leads you to search the locally stored data.

	×
Save Files By Date	
201 202 203 204 205 205 206	
Select Search Data © Save While Viewing © Save While Searching	
OK Cancel	

Above picture is one sample for explanation. Here, 20020522 is the file name which means the date of saving locally.

Prior to find saved files and DVR system, data must have been saved in the DVR-Net.

- "Saved while viewing" Data recorded while viewing at DVR-Net. Data is saved using "Save" button in the main interface of DVR-Net.
- "Saved while searching" Data recorded at DVR-Net while you were playing back the data in "Remote Search.



6. Remote Search:

Search data of DVR-Main system from remote site.



Clicking the button likes left-handed icon. The status of registered site list will be shown.



Select the site as you want. And click "OK", then following screen appears.



Remote Search usage is the same as "Local Search" except AVI Saving" is replaced with "Record".



Save the images being transferred as .DAT file. The data saved by "Record" can be searched by "Local Search"

7. Setting:

From DVR-Net, you can set the configuration of DVR-Main System.



Press this icon.

	×
Select Site To Setup	
202 Demo system Office1	
OK Cancel	

On the above popup screen, select the site and click "OK"

8. Remote Access Setting Connections:

8.1. Entry:

The meaning of main terms:

- Server computer PC computer with capture card, DVR-Main software and net card 10/100Mb with connection to the Internet.
- Customer computer PC computer with DVR-Net software, net card 10/100Mb with connection to the Internet
- DVR-Main main software installed on server computer;
- DVR-Net software for remote connecting, installed on client computer.

8.2. Remote Connection Between Two Computers By Fix IP Address:

The server computer should be connected to the Internet by FIX IP Address.

Note!!!

All information connecting with making connection to the Internet you should ask your Internet Provider.

Customer computer

After installation the DVR-Net software you get screen as below:

1.

No V us'		Login
Login Name		
Password		
	Minimalize screen	
Login	New Edit	Cancel

When the program is installed first time you need to add the users on the list of the DVR-Net program.

2.

Add, Delete and Edit S	Site Information			
Site Name (Code)		IP/Tel#	Method	
	New	Edit	Delete	Close

On this screen choose the NEW button and now it starts adding information about localization (server computer).

Add, Delete and	Edit Site Information
	Site Information
Site Name (C	Site Name test Method TCP/IP IP / Tel # 192.168.1.203 Username 1 Password 1
	New Edit Delete Close

In the position **Site Name** put the name of server computer, this name is entirely up to you (this is only for your convenient – to find an easy way the proper localization for connecting), ex: test;

Metoda: TCP/IP;

IP/Phone No: in this place you need to put the IP address of the server computer;

User name / Password: here you need to put the user name and password of the user who is registered on the main site (DVR-Main).

Click OK and the follow picture will appear:

4.

Add, Delete and Edit Site	e Information			
Site Name (Code)		IP/Tel#	Method	
itest		132.100.1.203	i Ceyle	
	New	Edit	Delete	Close

eng

Click CLOSE and go to the next picture:

5.

Configura	tion Settings
	Change Login Password
	Add, Delete and Edit Site Information
	Setup Connection Mode
	Display Configuration
	Delete Current User
	Apply Close

Choose the SETUP CONNECTION MODE

6.

Setup Connection Mode	
Single Site Connection	
Site Name (Code) test	•
Connect On Login 🔽	
C Multiple Site Connection	
	OK Cancel

Check the SINGLE SITE CONNECTION and find from list the proper name of localization for connecting. To get connection immediately after login—pleas check also Connect On Login. Click OK.

_			
٠.	1		
1			
		٠	

Configura	tion Settings
	Change Login Password
	Add, Delete and Edit Site Information
	Setup Connection Mode
	Display Configuration
	Delete Current User
	Apply Close



8.

NoVus		Login
Login Name	1	•
Password	1	
	Minimalize screen	

And the follow the further pictures.

Now you need to put the password and wait for the connection.

8.3. Remote Connection Between Two Computers By <u>Dynamic IP Address:</u>

Dynamic IP function allows the user to obtain the connection with a chosen computer using the following Server: <u>WWW.dyndns.org</u>. This Server is legal and free of charge.

First enter the site of the given server and create your user account.

WWW.dyndns.org --> Account/ Create Account



Once you have created your account you need to wait until you receive the information on the given email address that your account has been created successfully and subsequently you will need to register. In the email you receive there will be given a link to the website. You will need to enter this link and then complete the registration. Then you will be able to log in.

After logging in, enter the folder SERVICES and choose DYNAMIC DNS.

• 🕪 • 🛃 区 😽	D https://www.dync	dns.com/services/				🔁 🎽 🔘 Idź 🖸
izpocznij przygodę 🛅 Ak	tualności					
🛞 Dynl	DNS					Logged In User: wiszka <u>My Services</u> - <u>Settings</u> - <u>Log Ou</u>
-	About	Services	Account	Support	News	
Services	Services					
DNS Services						
Domain Registration	DynDNS provides	a variety of services t	hat help enhance your i	nome or business Inte	rnet experience. V	Ve offer superior domain name
Mail Services	services (DNS), ni services include fr	gn quality domain ma ee technical support l	nagement, world-class by e-mail or phone wher	e-mail services, web r e you speak to a high	edirection, and nei ly trained engineer	twork monitoring. All of our r rather than a call center
Network Monitoring	reading a script of	f of a screen.				
Web Redirection	DNS Services					
Account Upgrades						
Pricing	<u>Custom DN</u> Secondary	IS - Our flagship DNS DNS - Add reliability	management tool for y	our own domain		
Search DynDNS	Recursive D Dynamic D Static DNS TLD DNS -	ONS - Ensure DNS re NS - A free DNS serv - A free DNS service DNS for operators of	solution for your DNS q ice for those with dynar for those with static IP ccTLDs and gTLDs	ueries nic IP addresses addresses		
	Domain Regist	tration				
	• <u>Domain Re</u> • <u>Domain Tra</u>	<mark>gistration</mark> - Register n <u>insfer</u> - Escape poor o	ew domains quality bulk sellers			
	Mail Services					
	MailHop Fo MailHop Re MailHop Re	irward - Manage e-ma <u>elay</u> - Relay mail to a	il for your domain mail server on a differer	it port		
iczono	MailHon Ba	ackun MX - Ensure vo	ur mail is delivered with	our store and deliver	senuce	www.dvndns.com

Subsequently choose the following option: ADD A HOST



After choosing the option "ADD A HOST" there will appear the following screen:

~	C introducing		corol al manof adaminin			
🛞 Dyn[SNS					Logged In User wiszka <u>My Services - Settings - Log Out</u>
U 1	About	Services	Account	Support	News	
My Account	New Dam					
My Services	New Dyn	amic DNS*** Hos	st			
Account Upgrades		Hostname:	ABCD	dvndns.ws	~	1
MailHop Outbound		IP Address:	217.153.87.26	historica		-
Recursive DNS	E	able Wildcard:				
Premier Support	Mail E	changer (optional):		Backup N	DX?	
My Zones Add Zone Services My Hosts Add Host Services Dynamic DNS Static DNS WebHop MyWebHop Network Monitoring						Add Host Reset Form
Account Settings						
Billing						
Search DynDNS						

In the field **HOSTNAME** you need to: enter any name on the left eg.: ABCD, and on the right (where a "dyndns.ws" is shown) roll down the list using the arrow on the right and choose any domain.

In the field **IP ADDRESS** enter the current IP address. How to verify the current address? In the menu Start of your computer choose OPEN and enter the command: IPCONFIG, and there will appear the current IP address.

	i	Programy •		
	${\swarrow}$	Ulubione •		
onal	Ì	Dokumenty •		
essi	<u>v</u> -	Ustawienia 🕨	Urucha	mianie 👔 🔼
Prof	P	Wyszukaj 🕨		Wpisz nazwę programu, folderu, dokumentu lub zasobu internetowego, a zostanie on otwarty przez system Windows.
s XP	?	Pomoc i obsługa techniczna	Otwórz:	ipconfig 🕑
Mob		Uruchom		
Win	0	Zamknij		OK Anuluj Przeglądaj
4	Sta	art 🛛 🙋 😂 🖸 🔍 🔟 🗍 😂 61. 🔫 🖸		

After completing these data press the button: ADD HOST.

Subsequently choose an option: CLIENTS (it is eg. on the left part of the screen in the folder DYNAMIC IP) and from there you can download one of the NET applications. This application will update information on the current IP address and that is why it needs to be set on the computer where the capture card is installed.

For easier access we recommend you use an application named "CONFIGURATOR", which you can find on the CD-ROM enclosed to the PC video capture card in the folder DVR_Net.

The CONFIGURATOR is the free-of-charge application which is available on the website: <u>www.dyndns.org</u>. created by Ted Veingerl (<u>www.access.si</u>), and GUI created by Michał Gutral.

After successful creation of the account on the server, installation of the CONFIGURATOR application and opening it there will appear the following screen:

UKonfigurator DynDNS	
Adres serwera: Login: Hasło:	Informacje Czynności 1. Wpisz adres serwera (np: test.dyndns.org). 2. Podaj swój login i hasło do serwera DynDNS. 3. Kliknij Zapisz'. 4. Kliknij 'Wyjście'.
Wyniki Brak pliku konfiguracyjnego! Zostanie utworzony nowy.	Usuń program Wyjście

In the field "Informacje" ("Information") you need to:

- 1. Enter the address of the server (eg.:ABCD.dyndns.org) in the field "Adres serwera".
- 2. Enter your login and password ("hasło") to the DynDNS server.
- 3. Click 'Zapisz' ("Save").
- 4. Click 'Wyjście' ("Exit").

The application has now been saved as a system service and there is no need to open it each time we want to obtain the remote connection with a computer server (with a video capture card).

Konfigurator DynDNS Adres serwera: Adr	Informacje Czynności: 1. Wpisz adres serwera (np: test.dyndns.org). 2. Podaj swój login i hasło do serwera DynDNS. 3. Kliknij Zapisz!. 4. Kliknij Wyjście'.
Wyniki Znaleziono plik konfiguracyjny!	Usuń program Wyjście

If you want to delete this application you need to:

- 1. Click 'Usuń program' ("Delete the application").
- 2. Uninstall it in: Settings/Control Panel/Add_or_Delete_Applications.

8.4. Configuration of the DVR-Net:

The configuration of this application needs to be done in the similar way as in case of dynamic IP. The only difference appears in the folder SITE INFORMATION - in the field **IP/Tel** you need to enter WWW address of the host server, which has been created on the DynDNS.org server.

Site Name	room
Method	TCP/IP Property
IP/Tel#	ABCD.dyndsn.ws
Username	1
Password	*

9. Direct Web:

9.1. Server:

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Once Direct Web program was installed, the tray bar icon like the above picture, is generated. This program was installed automatically, along with DVR-Main program.

Note:

When there is any collision against the firewall or port in the server with Direct Web, click the right hand button of the mouse on the tray bar icon and select "setting". And now change the port.

As for root setting, you are recommended to use the defaults setting

Setting	×
Root : C:#Program Files#Di Bro	wse
Port: 80	
Save Cancel	

9.2. Client:

When you input IP address of direct web on "Address", the following skin appears.



After you input the User ID and Password, authorized to access DVR-Main System, click "LOGIN". Then, you can be connected

The following picture shows the web view after you connected to the Server having Direct Web.





1 camera 4 cameras 6 cameras 9 cameras 10 cameras 6 cameras Sequence Zoom

-	1	+
-	zоом	+
_	FOCUS	+
		-
•	A/P	•

PTZ camera

9.3. Client - Search:





Choose desired date, camera, and time to search the video.

SPEED: Change playback speed.SAVE AS: Save single image as image file.AVI SAVING: Click "AVI SAVING" and play through video and the video is saved as AVI file. To stop AVI saving click "AVI SAVING" one more time.

10. Notification of event happening:

Server computer

This feature allows to received notification from DVR-Main when any event occurs. (motion and sensor are considered as event).

1. At first, go to Configuration of DVR-Main and go to "system setup" of DVR-Main and find "Network": DVR-Setting/System Setup/Network

Site Information		Screen
Site Location		TV-out auto swiching interval 4 View Vorus
Network		Auviliary functions
Code	tions	
	on of events Properties	Keyboard lock (Windows key enable/disable) Ecable bardware wetchdon (Auto recovery)
Use IP Server	Properties	Schedule auto reboot of DVR Properties
		Sound recording Properties
Log write		Use e-mail Properties
System log	🔲 Sensorlag	Werning on disk full
		Cathoring and the south

- Check "Remote Notification of Events;
- Code—please put here the code which is made by yourself (f.e. adcde). This code will be used on client site (DVR-Net) in "Site Information;
- Method—TCP/IP
- IP/Num—input the IP address of client computer (computer with DVR-Net software);

2. DVR-Setting/Camera/Schedule



- The schedule of recording set as motion detection
- The Remote Notify Schedule set as Notify (green colour)

Client computer

1.

Add, Delete and	I Edit Site Information
	Site Information
Site Name (0	
	Site Name test
	Method TCP/IP Property
	IP/Tel# 192.168.1.203
	Username 1
	Password *
	OK Cancel
	New Edit Delete Close

- Site Name input here the code, which was made by you in DVR-Setting/ System_Setup/Network on the server computer.
- Method TCP/IP
- IP/Tel input the IP address of server computer;
- Username/Password the name of user and password who is registered in DVR-Main, on the sever computer.
- 2. When you run the DVR-Net software, please check the Minimalize. Thanks this function the program works in background and in case of event the picture will popup on the computer screen.

Login Name	1	
	1	
Password		

10 C



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