VIDEO WEB SERVER

PATENT



User's Manual

Please read instructions thoroughly before operation and retain it

for future reference.

WARNING

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

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FEATURES

Video Web Server Features

- Compatible with most of CCTV Products; empower any video output device watching and controlling on the Internet or LAN
- Auto Network Reconnection (ANR)
- Upgrade firmware & AP from FTP site via Video Web Server
- Watch dog function supported
- Support Dynamic IP address
- 4 alarm inputs supported
- Duplex function, record and playback simultaneously at client site
- · Auto e-mail warning system which will remind you if external alarm happened
- Intelligent non-stoppable recording function after ANR
- Multi AP screens supported
- Unique video player

PACKAGE CONTENTS



Accessories pack

Standard Pass through (CAT5) cable

Adaptor

NOTE : Please check the package to make sure that you receive the complete accessories shown above.

STATIC IP ADDRESS APPLY

Before Operation

Before installation, contact your network administrator for a static IP address.

Note : The bundled software is compatible only with Windows operation systems : WIN2000, WIN2003 and WINXP. It is not suggested to use WIN98 & WIN ME which may cause system conflictions with the software.

REAR PANEL



1. VIDEO INPUT (2 channels)

Connect to video source, such as camera or DVR video output.

2. ALARM I/O (optional for advanced applications)

Connect control devices, such as PTZ, DVR and external alarm signal input.

3. LAN

Connect Video Web Server to the Internet or LAN with cable or connect directly to PC with standard pass through cable.

4. RESET

Press this button to default setting.

5. POWER

Plug in the supplied power adaptor (12V / 1.25A).

**LED light

1)When it lights, that means the network is normal.

2)When it glitters, that means the system is normal.



HARDWARE CONNECTION AT SERVER SITE

A.Connection Structure



- 1. Connect video output of camera or DVR with the video input of Video Web Server.
- 2. Connect PC with Video Web Server for IP setting. (Please refer to page 4)
- 3. Connect Video Server with ADSL or CABLE MODEM with Static IP address.
- 4. Connect PC with Internet and remote control Video Server.

B. Connection Application



SOFTWARE INSTALLATION AT CLIENT SITE

Before first using this video web server, please download the application program and set up the device.

Step 1 : Connect PC/ NOTEBOOK with Video Web Server

Use the standard pass through (CAT5) cable to connect the PC and Video Web Server; then set up these two devices in the same Domain (e.g.:192.168.1.XXX). Please refer to Page.5 <u>STEP2</u>.



<u>Step 2:</u> Please enter the default IP address (192.168.1.1) in the browser. Then press ENTER. Click "Download Windows AP" to download the application program and save "Video web server.exe" in the HDD.



Step 3 : Click twice on the <u>Video web server.exe</u> and it will install the program into the PC.

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reneing the Solution	op an.				
Chil Cancell to g	Chose Destination Location		D		
	Solga vill install Vielen web verver it for it To notal to the diversity, old Peak. To instal to additional diversity, dati disease	olio-ing director	to colline directory.		
this program, or a criminal pervalties.	Developments a	237	une Sere de	1	
			Set Program Shortcuts	D.	
	Taxes required another. Space available or deve	1.10 0911	Seap will add Shortout to the Ske You hav also all other shortouts Statuting on remu	(, Phoge ans non). In your computer	
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			lag	File: 1970.2459.exe Fable: C.Afreque: Platifickerval: or rec	
			< l		-

After the installation, there are 5 files in your assigned path (file folder) as below.



STATIC IP SETTING

Please set up the server IP before first execution of the program. Follow every step as instructed. If you have finished the setup, please jump to next section—software operation-- to operate the program (User need to apply one static IP address first).

Step 1 : Connect PC/Notebook with Video Web Server

Connect the PC and Video Web Server with standard pass through (CAT5) cable. Then connect the video devices, such as CCTV camera, camcorder, VCR, D8, DV, etc. Then plug in the power cord to video server and start the PC (please wait 15 seconds to start the Video Web Server).



- <u>Step 2</u>: Network setting for PC. (The instruction is based on Win XP O/S. If your O/S is Win 2000 or Win 2003, the setup procedure is similar.)
 - 1.Click : startà Control Panelà network and internet connections à network connections





3. Click "Properties" for TCP/IP setup

- Local Area Co	nnection Status	?
General Support		
Connection		
Status:		Connected
Duration:		03:49:23
Speed:		100.0 Mbps
Activity	Sent — શ ·	- Received
Packets	832	802
Properties	Disable	
		Close

4.Click "INTERNET PROTOCAL (TCP/IP)" and then select "Properties" to setup

Before changing the PC network setting, please write down the original network setting in order to recover the original setting after the setup.

🗕 Local Area Connection Properties 🛛 🔹 💽		
General Authentication Advanced		
Connect using:		
Realtek RTL8139 Family PCI Fast Ethernet NIC		
Configure		
Client for Microsoft Networks		
Brile and Printer Sharing for Microsoft Networks		
✓ Source Scheduler ✓ Source Scheduler ✓ Source Scheduler		
	No to following IP address	
Install Uninstall Properties	IP address:	192 . 168 . 1 . 10
Allows your computer to access resources on a Microsoft network.	Subnet mesk:	255 . 255 . 255 . 0
	Default galeway:	
	O Obtain DNS server address a	wondically
Show icon in notification area when connected	Use the following DNS server	addresses:
	Preferred DNS server.	
OK Cancel	Animole Ceta server.	Logue blank
]	

NOTE :

The above steps are to connect PC and Video Server in one Domain (e.g.:192.168.1.XXX). The setting of "XXX" could be set from 2 to 254; the subnet mask is 255.255.255.0.

<u>Step 3</u>: To configure the Server IP, please click video web twice to enter the setup.



server

Step 4: Key in User Name, Password, and IP address (User Name and Password are both default at "admin"; IP address is 192.168.1.1, Port:80). Then click OK to connect.

LOGIN V1.0.0.4		×
UserName :	admin	
Password :	*****	
Server_IP :	192.168.1.1	
Web Port :	80 Address Book	
ОК	Cancel	l

Step 5: When you see the control bar, you have successfully logged in the program of the Video Web Server. Click "System Config" to set up "Network Setting" and "Account Management". (e.g. IP address is 61.222.50.174)

IP:1	😪 🗐 💶 🚄 C	- D 🖲 🛇 📅 🗖	
		T SYSTEM CONFIG	
SysConfig Network Setting — Server IP : GateVVay : Net Mask : DNS: VVeb Port : IP Get Method : Mail Setver : UsrName : Password : Mail From : Mail Trom : Mail Trom : Mail Size : System Utility — Maxim Online Use	61 222 50 174 61 222 50 169 255 255 255 248 168 95 1 1 80 Config Port: 8888 © STATIC IP Add Mail List C QCIF © CIF C VGA	I/O Port Setting Port 1: CAM Port 2: CAM DeviceID: 0 I/O Enable ALARM DURATION 10 SEC Image: Confirm in the second setting New Password Setting Image: Confirm in the second setting ACCOUT MANAGEMENT Firmware Upgrade Upgrade Firmware : Select File Auto Upgrade Image: Confirm in the second setting	To add a new User & user's level S-control all the functions A-control advanced functions B-control only basic functions The maximum length of user name and password is 8 characters.
NOTE : 1.Please get t	he IP address with your	Internet Service Provider. For example,	TOTAL USCH: 1 User Name: Level: S · · · Password ADD DEL MODIFY OK

- 1. Please get the IP address with your Internet Service Provider. For example, Total Moder we assume it is 61.222.50.174 and the user name and password is "andy".
- 2.After the setup, please click "APPLY" to renew the information.

Step 6 : Connect the Video Web Server with ADSL or Cable modem through RJ-45 then you can operate it from the internet.



user might need the crossover cable. If your operation environment requires crossover cable, please purchase it from your local computer stores.

SOFTWARE OPERATION AT CLIENT SITE

Follow the steps for connection at your client site (remote site). (e.g. If you set up the server at your office with one static ADSL, you can remote watch the video anywhere with a networked computer.)

twice to enter Login setup (please refer to "software installation") Step 1 : Click Video web server

Step 2: Key in "User Name" and "Password". (e.g. "User Name" and "Password" are "andy" and

the IP address is 61.222.50.174). Click OK to establish the connection.



Step 3: If you could see the video screen as following, you have been successfully connecting to



[Introduction of Basic Operation]



1.IP address, assume the setting is 61.222.50.174 (last part)

- 2. Connection/Disconnection
- 3. Conceal/Resume video screen
- 4. Video CH1
- 5.Video CH2
- 6. Resolution: CIF 、 VGA

7.Image quality : High \ Middle \ Low

8.Image adjusting: Brightness/ Contrast/ Saturation

- 9.Snapshot : press this button, the image will be automatically saved on the desktop.
- 10.Record
- 11.System setting
- 12.Minimize
- 13.Exit
- 14.Image transmission rate per second
- 15.Data transmission rate
- 16.Number of online users
- 17.Host User
- 18.Window adjust (right click for 100%, 150%, 200%, Full Screen)



1. Using device

- 2.Exit, Menu, Lock, Enter, Record
- 3.Left, Right, Up, Down, Stop
- 4. Rewind, Fast Forward, Pause, Slow, Play
- 5.PIP, Search, Zoom, quad screen, 7-9-10-13-16 screen
- 6.Camera video input

NOTE :

- 1. When you setup the video input from DVR, the screen will show above operation interface.
- 2. Take 16 CH DVR as an example to explain the operation (please refer to DVR user manual & APPENDIX#1 for details)
- 3.After you press the record
 icon, there will be a "record"
 file on the desktop. The video
 images will be saved in this file.
 Each recording file can be saved
 up to 650 MB in the file.
 The recording file will be assigned
 to the second file if it is more than
 650MB.
 Besides, if the HDD space is
 less than 200MB, the program
 will stop the recording.

PLAYBACK OPERATION

Please find a "record" folder on the desktop and click twice on the recording file to playback.



1.ON SCREEN DISPLAY
 2.Snapshot
 3.Slow playback(1/2, 1/4, 1/8)
 4.PLAY
 5.Recording duration time
 6.Fast Forward
 7.Pause
 8.Stop
 9.Status
 10.Playback controlling bar

ADVANCED SETTING

Click "System Config" for advanced setting.

	SYSTEM CONFIG
fig	×
	- VO Port Setting 3 4
Server IP: 61 . 222 . 50 . 174	Port 1: CAM DeviceID: In
GateWay: 61 . 222 . 50 . 169	Port 2: DeviceID:
Net Mask: 255 . 255 . 255 . 248	CAM DOVIDUD. U
DNS: 168 95 1 1	
Web Port: 80 Config Port: 8888	6
Get Method : 💽 STATIC IP	Enable ALARM DURATION 10 SEC
ail Setting	
Mail Server :	Password Setting
Liophome :	New Password : *****
Usimaile.	Confirm : *****
Password :	ACCOUT MANAGEMENT
Mail From :	8
Mail to : Add Mail List	Lingrada Eirmware - Salad Eila
Mail Size : C QCIF C CIF C VGA	. Select File
	Auto Upgrade

NOTE : Please refer to APPENDIX#1 & APPENDIX#2 for I/O Port setting & mail setting.

1.Network Setting

To set up the network setting of the Video Web Server. Check with your network administrator or Internet Service Provider.

2.IP Get Method

The default setting is Static IP.

3.I/O Port Setting—refer to APPENDIX#1

Set up video input device. It supports our brand 1CH DVR, 4CH DQR, 4CH, 9CH, 16CH DMR, Multiplexer, and camera.

4.Device ID—refer to APPENDIX#1

Set up the device ID number for remote controlling (It should be the same as the device setting).

5.Enable ALARM/DURATION

To set up the alarm function and the alarm duration time. There are 9 different time settings: 10 second, 20 second, 30 second, 1 minute, 2 minutes, 3 minutes, 5 minutes, 10 minutes, 15 minutes.

6.Mail Setting—refer to APPENDIX#2

When the alarm is triggered, the video server will capture the instant picture and e-mail the captured image to the assigned recipients. The image quality can be selected as QCIF(112*112 pixels), CIF and VGA.

7. Account Management

To set up the user's account and password (Max 100 accounts) and authority.

8.Firmware Upgrade

To upgrade the firmware. Click the "Select File" and select "upgrade program" from PC ; Click "Auto Upgrade" to download firmware from FTP site and save it in the Flash memory of Video Web Server.

9.System Utility

To set up the maximum number of on-line users and the bandwidth.

10.Apply

After any change of setting, press "apply" to refresh the data in the Video Web Server.

11.Reboot

Press this button to restart Video Web Server.



ROUTER SETTING

The following settings vary from different routers. Please read the instruction of your router thoroughly.

Step 1: Connect PC and Router

Step 2: Set up IP address

Please refer to page 6. Click "INTERNET PROTOCAL (TCP/IP)" and choose "content" to set up the IP address. Then please choose "Obtain an IP address automatically"

u can get P settings assign	ed automatically if your network supports this
propriate IP settings	are one your memory outline addition for the
Obtain an IP address aut	ometically
Use the following IP adds	ess:
IP address:	192 168 1 10
Subnetmask	255 255 255 0

Step 3: Enter the default IP address (IP : 192.168.123.254/ Default router gateway) to log in the router from the browser. And then enter the login web page and key in the default password "admin".

's Main Menn				
		System Status		
	Item	WAN Status	Sidenate	
item Password	Address	192.168.1.163	State P	
efinik admin) Se	bnet Mask.	255.255.255.0		
G	iteway	192 168 1.65	Unreachable	
D	oman Name Server	0.0.0.0	\langle	
		-		\sim \mathcal{N}
	Statistics of WAN	Inbound	Outboard	
0	clects		937600 657224	3 (2)
U.	sic.	Male-Forcessed Broad-rate	NATE-asc (R1982)	\Box
23	Administrator's Main			
	Menu		System Status	
10	D States	Itera	WAN Status	Sideacte
	 Wand 	IP Address	192 168 1 163	Static IP
	+ Hasie Setting.	Subrant Marik	255 255 255 3	
	+ Forwarding Rules	Gareway	192 158 1 65	Unreachable
	+ Security Setting	Domain Name Server	0.0.0.0	
		NAME AND ADDRESS OF AD	Educat	Chathanad
	+ Advanced Setting	Vanafarilar of UVAN	LICOUR	Obortha
	+ Advanced Setting + Toulhos	Statistics of WAN Octocle	937600	6573167
	+ Advanced Setting ±.Innlbux	Statistics of WAN Octocte Uncast Packets	937600	657316

<u>Step 4</u> : Click [Basic Setting] -> [Primary Setup] -> [Change] and change the Router internet setting. Please choose "PPP over Ethernet" and click "Save" à "Reboot"

Administrator's Main Menu		Primary Setup	3
Status	Item		Setting
Manard	LAN IP Address	192.168.123.254	
Basic Setting	▶ WAN Type	PPP over Ethernet	Change
Primary Setup	PPPoE Account		
Change Password	▶ PPPoE Password		
	Primary DNS	168.96.1.1	
Forwarding Rules			
	Secondary DNS	0.0.0.0	\cap
Security Setting	 Secondary DNS Maximum Idle Time 	0.0.0.0 300 seconds 🗍 :	Auto-reconnect
Security Setting Advanced Setting	 Secondary DNS Maximum Idle Time 	0.0.0 300 seconds 🗆 .	Auto-reconnect
Security Sotting Advanced Setting Tanlhay	Secondary DNS Maximum Idie Time Save Undo More>> Help Reb	00.00 300 seconds [] ,	Auto-reconnect
Security Setting Advanced Setting Toolbox	Secondary DNS Manimum Idle Time Save Undo Mone>> Help Rat Saved The change down't take effective	0.0.0 300 seconds sost .	Auto-reconnect
Security Setting Advanced Setting Inolbux Logout	Secondary DNS Maximum Idle Tune Save Undo Moreo> Help Ret Saved The change doesn't take effective	0.0.0 300 seconds set e until rebooting!	Auto-reconnect
Security Setting Advanced Setting Toolhox Log out	Save Unda Mare>> Help Rat Save Unda Mare>> Help Rat Save I The change doesn't take effective	0.00 300 seconds : aut e unil rebooting! Choos	Auto-reconnect
Security Sotting Advanced Sotting Toolhox Log out	Secondary DNS Maximum Idie Tune Sawe Undo Mareo> Help Reit Sawed The change doem't take effectiv	0.00 300 seconds a seconds a second s	Auto-reconnect
Security Sotting Advanced Sotting Toolhax Log out	Secondary DNS Maximum Idie Tune Sawe Undo Mareo> Help Ret Sawed The change doem't take effectiv	0.00 300 seconds 1 a e unit rebooting! Choos	Auto-reconnect
Security Setting Advanced Setting Toolbox Log out	Secondary DNS Maximum Idie Tune Sawe Undo Marco> Help Ret Sawed The change doesn't take effectiv C Static IP Address Dynamic IP Address	0.000 300 seconds : / ant e mill rebooting! Choos	Auto-reconnect
Security Setting Advanced Setting Toolhox Log out	Secondary DNS Maximum Idie Time Sawe Undo Marco> Help Rat Sawed The change doesn't take effectiv Saved The change doesn't take effectiv Static IP Address Dynamic IP Address Dynamic IP Address Dynamic IP Address	0.000 300 seconds : e unil rebooting! Choos ype teas reas with Road Runner Sessio	Auto-reconnect
<u>Security Setting</u> Advanced Setting Taalhax Log aut	Secondary DNS Maximum Ide Time Save Unda Mano>> Help Rath Saved The change doen't take effective C Static IP Address Dynamic I	0.00 300 seconds : e unil rebooting! Choos ype s reas reas with Road Runner Sessio et	Auto-reconnect

<u>Step 5</u>: Select [Basic Setting] -> [DHCP Server] and activate DHCP SERVER. Set up "STARTING" and "ENDING ADDRESS" and click "Save"à "Reboot"

Administrator's Main Menu		DHCP Server
Status Witcard	Item	O Disable @ Enable
Bavic Setting Primary Setup DHCP Server Change Pastword	 IP Pool Starting Address IP Pool Ending Address Domain Name 	100 233
+ Eurovardina Roles + Nerurity Netting + Advanced Setting + Toolbux Log out	Save Undo Morsos Clamis List Saved Items marked with • don't take	Fixed Mapping Help Febool effective until rebooling

<u>Step 6</u> : Select [Forwarding Rules] -> [Virtual Server] and set up "80" and "8888" port for Video Web Server. Then click "Save"à "Reboot"

		Multi-Functional Devastleand HAT B	outer (8.1.9683)	
Administrator's Main Menu	Virtual Server			
Statu	ID	Service Ports	Server IP	Enable
Winned	1	80.	192 168 123 99	8
t Banic Setting	2	8938	192.148.123.99	1973 -
Forwarding Rules	3		192.168.123	
 Minual Gener 	4		192 168 123	
Special AP	5		192 168 123	
DECT MARCON	6		192.168.123	
Security Setting	7		192.168.123	•
Advanced Setting	8		192 168 123	
Teelbox	9		192.168.123	
	10		192 168 123	
Log ox	11		192 168 123	
	12		192.168.123	
	13		192 168 123	
	14	10 million (10 million)	192 168 123	
	15		192 148 123	
	16		192 168 123	

<u>Step 7</u>: Select [Advanced Setting] -> [Dynamic DNS] and set up "DDNS". Then please click "Save"à "Reboot"à LOG OUT.

Administrator's Main Menn	Dynamic DNS		
Sunn	Item		Setting
Winnel	DDNS	O Disable @ Enable	
Basic Setting	▶ Promider	DynDNS.org(Dynamic) 💌	
Forwarding Rules	 Host Name 	avtechtestdw.dnsalias.org	
Carlo Contra Carlo Ca	Username / E-mail	depiero	17.0
accuraty actuant	Password / Rey		
Advanced Setting	a case contraction		
System Time	Save Undo Help		
System Log			
 Dynamic LDRS statum 			
Paner			
account of			
Toolbux			
100 million (100 million)			NOTE: ple
rod ors			the annlic

NOTE: please refer to the next instruction for the application for DDNS.

DDNS APPLY

<u>Step 1</u> : Connect to "http://www.dyndns.org" Web page (the below is only for example) and click "ACCOUNT" a "CREATE ACCOUNT"

DynDNS	.org	Daw Page Lage Lage Lage Lage Lage Lage Lage L
97 - 94	About Services Account	Support Solutions Developers News
Create Account Login	Your Account	
Lost Password?	Usemame	Password Lagn
penn ng		Create Account Lost Password?
	L	ALTERNAL PERSONNEL AND ALTER AND A
	Copyright & 1999-3 Physicy Policy Acc	2004 Dynamic Metwork Services, Inc. ceptable Use Policy Trademark Roboes
	Privacy Policy Acc	septacle Use Policy Trikdemark Roboes

Step 2 : Register the information and click "Dynamic DNS"(add host)



<u>Step 3</u>: User can set up their own DDNS HOST. For example, the user's applied Host name is "avtechtestdvr.dynalias.org". Then click [Add Host] to finish the setting.

Custom DNS Secondary DNS	New Dynamic DNS	6 Host	
MailHop Domain Registration	Hostname:	avtechlestdvr	dynalias org 👻
MyWebiling		For your own domain	(eg: youmame.com), use Custom DNS
Dynamic DNS Features Suppor: FAQ How Tr Clients	IP Address Enable Wildcard: Mail Exchanger (optional)	2:1.23.80.6	Backup MX?
Upgrades Add Host Bulk Update avechtestite drawiszow Static DNS			
Webitoo			
Pricing			

RS-485 PIN DEFINE



PIN 1, 6. RS485-A, RS485-B

Using RS485-A & RS485-B serial communications signals to control digital units just like DVR.

PIN 2, 3, 4, 8. ALARM INPUT

Using PIN 2, 3, 4, 8 to receive the alarm input then trigger Video Server to send mail to users for auto e-mail warning system.

PIN 5. GND

GROUND

PIN 7, 9. NORMAL LOW, NORMAL HIGH

Using PIN 7 or 9 to trigger external device to act.

NOTE :

If you want to remote control DVR products, please set the remote mode as RS-485 and Baud Rate as 2400.

FAQ

1.Regarding directly connect with PC, could I connect the video server with remote PC without connection to the internet?

ANS:Yes, you can connect Video sever with remote PC using standard pass through (CAT5) cable directly.

2.If I do not have any network in my office or house, could I use this system?

ANS:Yes, you could use this unit, too. You can connect Video Server with PC or notebook directly and think

PC as a storage device then save all the video from cameras and display the Video record on the PC.

3.Can I use ISDN to connect with Video Server?

ANS:Our Video Server could be connected via ADSL and CABLE modem only. It does not support ISDN connection. However, if you have a router which supports ISDN, RJ-45 and port forwarding function, it can be used with our Video Server.

4. What kind of frame rate are we expecting?

ANS: The frame rate = band width(Kbps) / 8 / image size(Kbytes) --> Daytime

CIF(Low-6 Kbytes, Middle-9 Kbytes, High-12 Kbytes),

VGA(Low-24 Kbytes, Middle-36 Kbytes, High-48 Kbytes).

SPECIFICATIONS

Video Input	2 Channels for analog & digital products, 1.0 Vp-p, 75, Composite, BNC
Alarm Input	4 Inputs
Watch dog	Yes*
RS-485 Port	Yes
Network Interface	Ethernet (10/100 Base-T)
Image Compression	JPEG
Video Adjustment	Brightness, Contrast, Saturation, Quality Level adjust
Protocols	TCP/IP, ICMP, SMTP
Hardware	CPU: 32 Bits RISC Processor, ROM: 4M Bytes Flash, RAM:16M Bytes SDRAM,
	One RJ-45 for 10/100 Mbps Ethernet, LED to indicate Link / Act status,
	GPIO with trigger E-mail
Resolution	VGA: 640x480, CIF: 320x240
Performance	Video through put : Up to 15(NTSC), 12.5(PAL) frames/ second,
	Netw ork through put : Max. up to 3000 K Bits per Second
Trigger & Action	Triggered by GPIO Input, Action: E-mail image to specific account
Installation	Assign Static & Dynamic IP address
Software Upgrade	Local or Remote
Security	Passw ord Protection
Power	12V / 1.25A switching power

*This function can help Video web Server working normally and avoid this unit to be down. Design and specifications are subject to change without notice.

APPENDIX#1 DVR CONTROL

1) Connect the Sub-D plug of Video Web Server with our own brand DVR products.



2) Set the "Remote" function in the DVR products.

NOTE : Remote mode : RS-485, Baud rate : 2400, ID : same as "I/O port setting" in the Video Web Server.

A. 1/4 CH DVR



B. 4/9/16 CH DMR



3) Set the "I/O Port Setting" in the system config of Video Web Server.

etwork setting -		I/O Port Setting
Server IP :	61 . 222 . 50 . 174	Port 1: DVR DeviceID: 20
GateWay :	61 . 66 . 138 . 73	Port 2: Durp 40 DeviceID: De
Net Mask :	255 . 255 . 255 . 248	DMR-16 DEVICED . [2]
DNS:	168 . 95 . 1 . 1	
A REAL PROPERTY AND A REAL		
VVeb Port : IP Get Method :	80 Config Port : 8888	Enable ALARM DURATION 10 SEC
VVeb Port : IP Get Method : -Mail Setting	80 Config Port : 8888	Password Setting
VVeb Port : IP Get Method : -Mail Setting Mail Server :	80 Config Port : 8888 Image: Static IP 0.0.0.0	Password Setting
Vveb Port : IP Get Method : Mail Setting Mail Server : UsrName :	80 Config Port : 8888 Image: STATIC IP 0.0.0.0	Password Setting New Password :
VVeb Port : IP Get Method : -Mail Setting — Mail Server : UsrName : Password :	80 Config Port : 8888 Image: STATIC IP 0.0.0.0 0.0.0	Enable ALARM DURATION 10 SEC Password Setting New Password : ***** Confirm : *****

APPENDIX#2 EMAIL SENDING

1) Connect the Sub-D plug of Video Web Server with the COM/NO ports of Sensor.



2) Set the "mail setting" & "Mail to : " item in the system configure.

Mail Setting		17802	10	¥1
Mail Server :	211.75.84.99		Mail List :	
UsrName :	romain.chien		andy.lee@ms2.url.com	Add
Password :	*****			Delete
Mail From :	andy.lee@ms2.url.com.tw			Evit
Mail to :	Add Mail List		Mail address :	
Mail Size :	OQCIF OCIF OVGA	\mathcal{T}	anny@ms2.url.com	

NOTE1 : You can get all the data from the ISP company or mail server supplier (POP3/SMTP server).

NOTE2 : You should set the mail list which you want to send to when the alarm is triggered.

NOTE3 : When the alarm is triggered, you can find "!!alarm1!!" message showed on the screen. Then you can get the email in your mailbox.

