OSE-201/301 IE User's Manual



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Safety Warning

- To reduce probable risk of fire or electronic shock, do not expose this product under rain or moisture environment.
- Remove power before unit installation.
- Please make sure powers of all devices have been unplugged before connecting to this product.
- Recommend using appropriate power adapter for product safety.
- Please do not tear down this unit for safety and warranty.
- Recommend read this manual thoroughly before system/unit installation.
- Make sure all cables and power have been successfully installed on this product.
- Dust, moisture, and dramatic temperature change can cause mal-function of this unit. Manufacturer advises not to put this product under these environments.
- If item of this pack is missing or defect of this unit, please contact certified distributor or reseller for service/maintenance.

FCC Class A Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. TWSAFE Inc. is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Quick Installation Guide (QIG)

The purpose of this QIG is to guide you to go through setup procedure of this system smoothly in order to view remote video images of video server on IE. Details of setup functions on IE Web pages and management software of multi-camera can be seen on User's Manual.

Product & Accessories

Please check packing contents thoroughly after opening this pack. Contact your reseller while item is missing.



Product Brief Introduction

I. Product

- OSE-301 (301) video server is a device which transforms analog images into digital through MPEG 4 video compressed, and transmits images/data via Internet or Intranet with 2-way audio.
- 301 is an independent web server which user can view via Internet Explorer everywhere where Internet is connected.
- 301 is equipped with motion detection which can detect, send alarm, take snapshot while event is triggered.
- 301 has 2 digital inputs and 1 digital output which can successfully integrate with other security devices e.g. alarm, light, sensor for better security protection.
- 301 offers an analog video output for on-site clearer camera images installation and monitoring.
- 301 supports additional DC-12V power output (max. 750 mA) to connect camera or other security device power input without finding another power source.
- 301 provides RS-485 connectors for pan-tilt device or speed dome camera surveillance.

II. IE Browser & Multi-port Software

- User can view and monitor video images through IE Browser without installing any additional software.
- OOSEC Brower offers user for remote video surveillance and control/setup this product via IE Browser.
- User can use OOSEC Brower to setup network protocols including IP address environment (DHCP, fixed IP, PPPoE, and DDNS).
- This pack also attaches 16-port management software for recording and retrieving recorded images.



1.2 Required Additional Accessories

•	CCD Camera & Accessories: camera,	
	pan-tilt devices, housing, and bracket	CCD camera*1
•	Alarm/Access control: DI/DO to	
	connect urgent button, sensor, buzzer,	
	system for security integration.	Alarm (option)
•	Coaxial cable: 5C2V (BNC connector)	
	cable to connect CCD camera.	
		5C2V coaxial cable
•	UTP cables: Prepare a parallel UTP	- Alexandre
	cable with RJ45 connectors to connect	Nin Nin
	network equipment e.g. switch/hub, IP	RJ45 UTP cable
	sharing, router. Use a cross-over cable	
	if directly connects to PC.	
•	16-port Recording Requirement: CPU	
	Intel P4 3.2, 1G memory, 128 MB	NVR-4/16
	VGA, OS: Microsoft XP SP1	Recording software Remote Viw by IE Browser Personal computer
•	Audio: Microphone and speaker	Micronhone/sneeker
		(option)
•	XDSL broadband Internet connection	

1.3 Functions

1.3.1 A-side Product View



- 1. Login indicator: Green light-on indicates user is logging in.
- 2. System start-up indicator: Blink when system is on.
- 3. Power: Red light on when power is on.
- 4. Microphone/Speaker: Use attached audio cord to connect audio device.
- Video In: Use 5C2V cable with BNC connector to connect CCD camera.
- DC12V OUT: DC 12V power output with maximum 750mA limited.
- 7. DC12V IN: Connect attached adapter.

1.3.2 B-side Product View



- 1. Video Out: BNC output port for better camera images while installed on-site adjustment only.
- 2. 10/100 Ethernet: Connect to network by using standard RJ45 connector.
- 3. Default: Insert this button by using attached L-type wrench or end of thin paper clip to restore manufacturing default values.

4. I/O & RS-485 Connectors:

		•	•	•	•	•	•	•	•		
		8	7	6	5	4	3	2	1		
Port		Fun	ctio	on		R	lem	ark	-		
1	DI1+	DI1	Po	siti	ve	Ν	lax	. 50)m/	A, 12V	DC
2	DI1-	DI1	Ne	egat	tive						
3	DI2+	DI2	Po	siti	ve	Ν	lax	. 50)m/	A, 12V	DC
4	DI2-	DI2	Ne	egat	tive	:					
5	DO+	DO	Po	siti	ve	Ν	lax	. 50)m/	A, 80V	DC
6	DO-	DO	Ne	gat	ive						
7	RS485+	TX/	'RX	<u> </u>		N	lon	-inv	vert	ing	
8	RS485-	TX	'RX			Iı	nve	rtin	g		

Remark: User can use pan-tilt-zoom images of camera by connecting RS-485. If distance is too far, please use additional signal amplifier.

1.4 Installation





- Step 1: Use 5C2V coaxial cable to connect CCD camera.
- Step 2: Connect Microphone/speaker.
- Step 3: Connect security devices into digital inputs/output.
- Step: Connect pan-tilt device into RS-485.
- Step 5: Use 5C2V coaxial cable to connect TV/monitor.
- Step 6: Connect camera DC-12V power into product with maximum power output 750mA.
- Step 7: Use RJ-45 UTP cable to connect network equipment.

- Step 8: Plug-in powers of all optional connected devices.
- Step 9: Plug-in power of video server.
- Step 10: Confirm power indicator is on.
- Step 11: Confirm red-light system is quick blinking.
- Step 12: Start-up PC to start application software installation.

Software Installation Start CD Software Installation

Before Installation: Insert the CD attached in the package to CD-ROM reader on your computer, system will start its auto-execution procedure.

Language: System supports two language selection.



System is detecting OS of user's PC, please wait.



Welcome Page: Click _______ to enter next setup procedure.



Read Me & Intellectual Property Announcement: User needs to click "I accept the terms in the license agreement" to enter next step of setup

procedure or the setup sequence will not proceed. Click $\boxed{\underline{Next} >}$ to proceed.

Please read the following license agreement carefully.	C
Oosec Net Video Security	^
WELCOME : Welcome to the Setup program . This program will install on your computer . It is strongly recommanded that you exit all other Windows programs before running this Setup program . Click Cancel and quit Setup and then close any programs you have running . Click Next to continue with the Setup program . WARNING: This program is designed by TwSafe INC.,	III
and is protected by copyright law and international treaties. Jnauthorized reproduction or distribution of this program , or any portion of it , may result in	~
I accept the terms in the license agreement Print I do not accept the terms in the license agreement	

Save-path: User defines save path of the execution file. Click to proceed.

<u>N</u>ext >

	WORK VILLED SYSLE	em to:		
C:\Program Files\	twsafe\Oosec\			Change
	C:\Program Files\	C:\Program Files\twsafe\Oosec\	C:\Program Files\twsafe\Oosec\	C:\Program Files\twsafe\Oosec\

Check: See details of setup are correct. Click **Install** to proceed.

9 Oosec Network Video System - InstallShield Wizard 🛛 🔀
Ready to Install the Program The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
stalfbield
< <u>B</u> ack Install Cancel

Installing: System is installing on your PC, please wait.

Oosec N Installing	etwork Video System - InstallShield Wizard
ill and a	Please wait while the InstallShield Wizard installs Oosec Network Video System. This may take several minutes. Status:
nstallShield -	< Back Next > Cancel

Installation Complete: System installation sequence is complete. Click



2. IP Address Setup

User can write IP address onto video server can be set either by IP Installer or multi-port application software.

Remark: Product default IP address is "192.168.1.99". Default password is Mac address shown on the package and bottom of the video server.

Please follow procedures listed below to change default values on personal computer

2.1 Hardware connection

Prepare a crossover UTP cable to directly connect with PC or a standard parallel UTP cable and insert it onto swich/hub or IP sharing.

2.2 Network and Internet Connections

Before IP Installer setup sequence, user needs

▼ Click "Start" → "Control Panel" → "Network and Internet Connections"







▼ Double click your network (Local Area Connection)

S Network Connections			
File Edit View Favorites T	ools Advanced Help		A *
3 Back 🔹 🕥 · 🏂 🎾	🔎 Search 🏀 Folders 🛄 🔹		
Address 🔕 Network Connections		¥ 🔁	Go Norton AntiVirus 🏭 🔸
Network Tasks (E) Create a new connection Setup a home or small office network. Change Windows Firewall settings Setup a home or small office network.	LAN or High-Speed Internet Local Area Connection Connected, Firewalled Marvell Yukon 88E8001/8003/]	
See Also (2) V Network Troubleshooter	v		



Click "Properties" to enter IP address setup.

eneral Sup	port	
Connection		
Status:		Connected
Duration:		00:56:37
Speed:		1.0 Gbps
Activity	Sent — 复	Peceived
Bytes:	8,927,665	322,466,922
Properties	Disable	

▼ Double click "Internet Protocol (TCP/IP)



▼ Tick "Use the following IP address" then type IP (I):192.168.1.99, and for Subnet mask is 255.255.255.0

Obtain an IP address automati	icallu
Use the following IP address:	
IP address:	192.168.1.10
Subnet mask:	255 . 255 . 255 . 0
Default gateway:	
 Obtain DNS server address au Use the following DNS server Preferred DNS server: Alternate DNS server: 	addresses:

Click "OK" icon to finish network connections setup for user's PC and video server are in the same subnet. User can setup IE security for remote view.

- **3.** Network Security Setup
 - 3.1 Security/Trusted Sites Setup

When first time to login video server via Internet Explorer, user needs to do security adjustment to view video images.

Sequence: Click "Start"→ "Control Panel"→ "Network and Internet Connections" → "Internet Options" → "Security" → "Internet" → "Custom level".



▼ Click "Internet Options"

Back Image: Constraint of the second secon	► Folders
See Also Image: See Also See Also Image: See Also My Network Pisces Image: See Also Printers and Other Andware Image: See Also Romoto Deskop Image: See Also Phone and Modem Options Image: See Also Troubleshooters Image: See Also Phone or Small Office Alexandra Image: See Also Phone or Small Office Alexandra Image: See Also Phone of Small Office Alexandra Image: See Also Phone of Small Office Alexandra Image: See Alexandra Phone of Small Office Alexandra Image: See Alexandra Phone of Small Office Alexandra Image: See Alexandra Internet Explorer Image: See Alexandra Phone of Small Office Alexandra Image: See Alexandra	Connections Network and Internet Connections ick a task Set up or change your Internet connection Create a connection to the network at your workplace Set up or change your home or small office network Set up a wireless network for a home or small office
See Also	Network and Internet Connections ick a task Set up or change your Internet connection Create a connection to the network at your workplace Set up or change your home or small office network Set up a wireless network for a home or small office
 My Network Places Printers and Other Hardware Prone and Modem Options Prove and Modem Options Prove and Modem Options Prove or Small Office Networking Internet Explorer Network Disgnostics 	ick a task Set up or change your Internet connection Create a connection to the network at your workplace Set up or change your home or small office network Set up a wireless network for a home or small office
Troubleshooters Image: Comparison of the second of the s	Set up or change your home or small office network Set up a wireless network for a home or small office
1. A.	Change Windows Firewall settings
or	r pick a Control Panel icon
S	Netw, Configure your Internet display and connection settings.

▼ Click "Trusted Sites" and then click "Sites" to type wishful IP address for IP camera/video server to ensure IE browser will not block the IP address.

General	Security Privacy Content Connections Programs Advanced
Select	a Web content zone to <mark>specify its security</mark> settings.
6	
Int	ernet Local intranet rusted sites Restricted sites
-	Trusted sites
	This zone contains Web sites that you
V	trust not to damage your computer or data
Secu	rity level for this zone
	Custom
	 To change the settings, click Custom Level.
	 To use the recommended settings, click Default Level.
	Custom Level Default Level

▼ Type wishful IP address for IP camera/video server and DO NOT click "Require server verification (https) for all sites in this zone.

Trusted sites	? 🛽
You can add and re in this zone will use	move Web sites from this zone. All Web sites the zone's security settings.
Add this Web site to the zon	e;
	Add
Web sites:	Remove
Require server verificatio	on (https:) for all sites in this zone
	OK Cancel

▼ Window shows IP address is typed.

ld this Web site to the zone:	
92.168.1.99	Add
eb sites:	
	Remove

▼ Type wishful IP address and Web site will show in the window, click "OK" button to save data.

Id this Web site to the zone;	
	Add
eb sites:	
92.168.1.99	Remove
	6

4 Login IP Camera/Video Server

User's PC must be equipped with IE 6.0 or later version.

4.1 Login System

▼ After having typed correct IP address, system will pop-up a verification window that needs to type correctly to view real-time video images.

IPCAM - Microsoft Internet Explorer			
File Edit View Favorites Tools Help			
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Address http://192.168.1.99/			🛩 🛃 Go Links 🎽
	Username : Password : Logi	EC 	
Done			Trusted sites
Start C C Appendix	nt 😫 cvs on Ibtek-alanh	P Network and Internet	10.49 AM

Remark: Please type "root" for user's account and MAC address of this IP camera/video server (shown on the IP camera/video server and the surface of the pack)

▼ System will ask to install ActiveX, click Install to install ActiveX





4.2 IE Main Page

There are three major blocks on IE main page which include setup functions, real-time display, and pan-tilt-zoom control panel.

[Setup**]** : Device functions setup for this camera.

[Real-time Display **]** : This window includes real-time images, snapshot, microphone, speaker, DI, DO, and control buttons.

[Pan-tilt-zoom **]** : This section includes pan-tilt-zoom, speed, and other command controls.



4.2.1 [Real-time Video Images]

- 1. System shows real-time video, and on-screen-display clock.
- 2. Elick it to save selected picture onto your computer.

oave As						?
Save in: Save in: My Recent Documents Desktop My Documents My Computer	My Docume My Music My Pictures	riles	0	0	ď	
Mu Network	File name:	IPC20060601_174232			•	Save
Places						

- Click to activate or deactivate on-site microphone.
 Click to activate or deactivate on-site speaker.
- 5. Click it to capture real-time video images on your computer. You need to assign wishful save-path onto your computer. System provides *.AVI file and self recording file format for user to choose.



4.2.2 [Pan-tilt-zoom Control Panel]



If user installed pan-tilt device or speed dome camera and IE provides useful protocols, user can use this control panel to control pan-tilt-zoom functions.



Stop Click to stop auto-pan.

4.3 [Setup]



Back to main video page Device system setup Video function setup Device network setup User's account setup Pan-tilt-zoom setup Event triggered setup Email account setup Log inquiries

4.3.1 [System]

Time clock setup, synchronized with NTP, and default values reset.

IPCAM - Microsoft Internet Explorer				
File Edit View Favorites Tools Help		1 2 2 2 3 3 1 9 1 9		
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Address Attp://192.168.1.99/main.html				💌 🋃 Go Links 🏁
	System 9	Setup		
AFEE	OReset			
OBEC	O Default S	etup		
	○ Camera i	name OSE301		
Home =	System Tin	ne		
System =	Current Time	2006/	57117:44:39	
Video	⊙ Manual	Vear Mon Use PC Time	ay Hour	Min Sec
User = PTZ =	ONTP	NTP Server time stdtime.gov.tw Time Zone: GMT+08:00 V		
Event = E-mail = Log =		Re-Sync every 12 hours		
OSE-201N Ver 1.10.41				
Done				Trusted skes
🛃 start 🛛 🙆 🔮 🍯 🔥 Network Co	rnections 🛛 🏠 Downloa	ded Program 🗿 IPCAM - Microsoft Int.		🚽 🚳 11:19 AM

• System Setup

Reset: Click to reboot system
Default Setup: Click to return to default manufacturer's values. Camera Name: Type wishful IE title
System Time: Click to reset clock time on device. Current Time: Display current device time. Manual: Reset current time manually. Use PC Time: Click to synchronize current time with your computer. NTP : Select your time zone, click to active Day Light, IP of NTP server. Re-Sync: Time period to synchronize with NTP server.

• Click Submit to save data.

4.3.2 [Video]



[Mode] : Select NTSC or PAL to fit into your video format in your country (See Appendix D) [Frame Size] Video resolution setup

NTSC: (QCIF) 176X120, 320X240, and (CIF) 352X240

PAL: (QCIF) 176X144, 320X240, and (CIF) 352X288

[Frame Rate] System support different frame rates for user to define.

NTSC: 1,5,10, 15, and 30

PAL: 1,10, 15, and 25

[Brightness] Video brightness range from -10 - +10, default: 0

[Contrast] Video contrast range from -10 - +10, default: 0

[Saturation **]** Video saturation range from -10 - +10, default: 0

[Quality] Video quality range for "High", "Medium", and "Low"

Click Apply onto device (not permanently save) and click Save to save onto device.

4.3.3 [Network]

ile Edit View Favorites Tools Help				<u></u>
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ddress a http://192.168.1.99/main.html				🛩 🛃 Go Links *
	Network S	Setup		
DEEC	IP Setup			
OBEL	Static IP	IP Address:	192 168 1 99	
		Network Mask	255.255.255.0	
Home =		Gateway.	192.168.1.254	
Svetom =		DNS Server:	168.95.192.1	
System =	ODHCP			
Video =	OPPPoE	User Name		
Network =		Password		
liser =		Sub	mit	
DTZ	DDNS			
PIZ		OEnable	 Disable 	
Event =		Domain Name		
E-mail =		User Name		
		Password		
LUG		Sub	mit	
OSE-201N Ver 1.10.41	Connection Po	ort		10
		HTTP port	80	
		Bitstream port	5001	
		Sub	mit	
and the second				

[DHCP] : DHCP assigns IP automatically (See Remark1)

[Static IP **]**: If you use a fixed IP by ISP provider or for LAN, then input your wishful IP onto device. Please contact your ISP provider for more details of IP address, Network Mask, Gateway, and DNS server address.

(PPPoE) : If you're using PPPoE to connect Internet, input your user account and password provided by your ISP service company.(See Remark2)

[DDNS] : If you're using domain name instead of fixed IP address and for PPPoE connection, click "Enable" first, then type domain name, user name, and password to login device.

[Connection Port]

"HTTP Port ": Default HTTP port is 80.

Bit-stream port : Default video stream is 5001

Manufacturer does not recommend user to change default value unless has sufficient knowledge of networking setup. You may contact your MIS or ISP provider for more details of network setup.

- Click **Submit** and click "Submit" to save data.
 - Remark 1: DHCP (Dynamic Host Configuration Protocol) allows devices to connect to a network and be automatically assigned an IP address.
 - Remark 2: PPPoE(PPP over Ethernet) provides the ability to connect a network of hosts over a simple bridging access device to a remote Access Concentrator (Server).
 - Remark 3: DDNS (Dynamic Domain Name Server) is a service that maps Internet domain names to IP addresses. DDNS serves a similar purpose to DNS: DDNS allows anyone hosting a Web or FTP server to advertise a public name to prospective users. Unlike DNS that only works with static IP addresses, DDNS works with dynamic IP addresses, such as those assigned by an ISP or other DHCP server. DDNS is popular with home network, who typically receive dynamic, frequently-changing IP addresses from their service provider. To use DDNS, one simply signs up with a provider and installs network software on their host to monitor its IP address

4.3.4 [User]

File Edit View Favorites Tools Help				_	2
🔇 Back + 🔘 - 💌 🛋 🐔 🎾	🔎 Search 🤺 Favorites 🕢 🍰 -	la 🔁 🖏			
Address Address Address Address Address					💌 🛃 Go Links 🎽
	User Manager	nent			
OFEC	Add User	UserName			
OBEC		Password			
		Privilege	USER	*	
Home =	O Delete User	~			
Sustam E	⊖ Modify User	root 🛩			
System		Password			
Video 💻		Privilege	USER	~	
Network =		Submit			
liser =	Current User List				
DTZ		User Name	Privilege		
PIZ -		root	ADMINISTR	ATOR	
Event =					
E-mail =					
100 =					
LUG					
OSE-201N Ver 1 10.41					
Done					Trusted skes

[User Management] : System allows up to 10 user accounts (2 user privileges) to remote view this camera.

[Add User] : Add new user account, password, and privilege.

[Modify User] : Modify current user's account and his/her privilege.

[Delete User] : Delete user's account.

Click **Submit** to save onto device.

[Current User List] : Display user account and his/her privilege.

There are two levels of privilege can be setup for the user.

- Administrator: View and setup functions manipulate.
- User : IE browser real-time view only.

4.3.5 **[**PTZ**]**



[PTZ Setup] Select appropriate command protocols for pan-tilt device control. Once selecting command protocols, system will write onto device automatically without further setup. But for "User define" mode, user needs to setup manually.

- [Serial Port Setup] RS-485 COM port setup
- Baudrate : Buud unit of signaling speed per second Databits : Data group of bits selection Parity: It stands for parity checking to ensure the validity of data. Stopbits : It indicates the bit sent after the data bits, indicating that no more data bits follow. Flow control: The way in which information is controlled in a network to prevent loss of data when the receiving buffer is near its capacity.
- **(User define command)** User self defines other command protocols.
- $\lceil Up_{j}, \lceil Down_{j}, \lceil Left_{j}, \lceil Right_{j}, \lceil Zoom In_{j}, \lceil Zoom Out_{j}, \lceil HOME_{j}, \lceil Auto Pan_{j}, \rceil Cruise_{j}, and \lceil Stop_{j} commands.$

System provides up to 5 self commands for user to define.

• "Define1 - 5" and "Title1 - 5" will be shown underneath PTZ control panel.

Pan Cruise Stop		Go To		GO
Pan Cruise Stop		speed		
	and the second s	Dee	Cruico	Cton

• "Perset 0 – 9" and "Goto 0 – 9": It offers user for up to 10 different pre-set locations setup.

4.3.6 [Event]

IPCAM - Microsoft Internet Explorer				
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ddress 🗃 http://192.168.1.99/main.html		22		🛩 🎒 Go Links
	Event T	rigger		
DEEC	DI/DO			
OBEC	DI 1	OLOW Active	O High Active	
	DI 2		O High Active	
Home =	DO	Low Active	O High Active	
System =]	Motion De	tection		
System	Enable	Threshold(0~255)	20	
Video		Ratio(0~100)	5 %	
Network =	Alarm			
User =]	DI 1	Email 🗖	DO 🗖	
PTZ =	DI 2	Email 🗖	DO 🗖	
F 12	Motion	Email 🗖	DO 🗖	
Event	Event			
E-mail =	🗆 Email	Every 50	minutes	
Log =		Submit		
OSE-201N Ver 1.10.41				
Done				Tourted char
				Trusted skes

[DI/DO]

User defines "high volt" or "low volt" triggered signal for digital-input sensors for DI1 and DI2 ; defines "high volt" or "low volt" triggered signal for digital output.

[Motion Detection]

User defines two variables to setup motion detection.

[Alarm]

User can define sequence steps while event is triggered. These sequences include DO alarm, email (attached one snapshot per second).

(Event)

It defines how long will be to send event-triggered email.

Click **Submit** to save input data.

4.3.7 [Email]

IPCAM - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		ar ar
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Address ahttp://192.168.1.99/main.html		🛩 🎒 Go Links 🎽
	Email Setup	
Area	Mail Server	
OBEC	User Name	1
	Password	Ŧ.
Home =	Sender Email	1
- nome	Receiver Email	1
System	cc	
Video =	Subject	
Network =	Email after DHCP or PPPoE dialed	
lloan	Submit	
User		
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Log		
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03B-2014 Ver 1.1041		
a)		Trusted sites
🛃 start 🖉 🙆 🦉 🏷 Network Connections	Downloaded Program 🦉 IPCAM - Microsoft Int	😹 📹 11:23 AM

Email Setup

[Mail Server] : SMTP server account setup

[User Name] : User's name account setup

[Password **]** : User's password setup

[Sender Email] : Sender's email account setup

[Receiver Email] : Receivers' email account setup

[CC] : Carbon copy of multi-receiver divided by ";"

[Subject] : Subject of email message

Email after DHCP or PPPoE Dialed: User can send email to user after DHCP or PPPoE gets a new IP

address for user can logon to the camera.

Click **Submit** to save input data.

4.3.8 [Log]

System offers user to review details of system operating records.



Appendix A DDNS Service

I. How to use DDNS

- If user gets IP address from DHCP or dynamic IP address given from ISP provider of XDSL, DDNS account is required to view video images.
- There're some websites offering free DDNS account, yet, some websites offer DDNS service with service charge. Each account must be unique that cannot repeat with others
- When application is complete, DDNS website will detect user's IP or manually type IP address manually. When DDNS account writes onto video server/IP camera and connect to DDNS website, DDNS will detect IP address and correspond to DDNS account automatically.

II. Example: DDNS

- Suppose DDNS website is TWSAFE.dyndns.org
- DHCP assigns IP address 220.132.206.9 to video server
- Connect to DDNS website and it will auto-detect or manually update correspondent IP address: TWSAFE.dyndns.org= 220.132.206.9



Run	? 🔀
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	ping twsafe.dyndns.org -t 💽
	OK Cancel Browse

▲ Type: ping TWSAFE.dyndns.org –t

If system shows "Pinging TWSAFE.dyndns.org [220.132.206.9] with 32 bytes of data:

Reply from 220.132.206.9: bytes=32 time=1ms TTL=255

It means DDNS has updated IP address successfully corresponding

TWSAFE.dyndns.org = 220.132.206.9



■ If video server/IP camera reconnects to network, another new IP address will be assigned, please follow the II steps listed above again to correspond DDNS.

2. How to Apply DDNS Account

▼ <u>http://www.dyndns.com/account/create.html</u> offers free DDNS account. User can apply a free domain account from here.



▼ Acceptable Use Policy

Acceptable Use Policy	
Policy Last Modified: August 12, 2005	
1. ACKNOWLEDGMENT AND ACCEPTANCE OF TERMS OF SERVICE	
All services provided by Dynamic Network Services, Inc. ("DynDNS") are provided to you (the "Member") under the Terms and Conditions set forth in this Acceptable Use Policy ("AUP") and any other operating rules and policies set forth by DynDNS. The AUP comprises the entire agreement between the Member and DynDNS and supersedes all prior agreements between the parties regarding the subject matter contained herein. BY COMPLETING THE REGISTRATION PROCESS AND CLICKING THE "Accept" BUTTON, YOU ARE INDICATING YOUR AGREEMENT TO BE BOUND BY ALL OF THE TERMS AND CONDITIONS OF THE AUP.	
2. DESCRIPTION OF SERVICE	~
I have read and agree to the Acceptable Use Policy above: 🗹	

l understand that each Member may have only one (1) free account, and acknowledge that any creation of multiple free accounts will result in the termination of all of my accounts:

- User applies account with no repeated account with others, for example, TWSAFE.tw
- Type personal data.

Username		
E. I		
isemame: twsate		
our username will be use	d to login to your account and make changes.	
E-mail Address		
mail Address: alanshih	@twsafe.net Confirm E-mail Address: alanshih	@twsafe.net
he e-mail address you en nis address current. Any formation to anyone. Re	iter must be valid. Instructions to activate your acco accounts with invalid e-mail addresses are subject to ad more about our <u>privacy policy</u> .	unt will be sent to the e-mail address provided. You must keep removal without warning. We do not sell our account
Password		
assword:	Confirm Password:	
he password you enter o not choose a password	will be used to access your account. It must be mor d that is a common word, or can otherwise be easily	e than 5 characters and cannot be the same as your username. guessed.
	Create Account	after completion.
Mailing Lists		
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🗿 DynONS – Account

▼ User will receive a confirmation email from dnydns.org. User needs to click the address to confirm account.



▼ Account Confirmed

ess 🔕 https://ww	ww.dyndns.co	om/account/confirm/RUlfm(DAjr8eRbdmw_696uA			🕶 🔁 Go 🛛 L
@D	ynD	NS °	User:	Pa Lost Passwor	ess: rd? - Sign Up Now	Login
	About	Services	Account	Support	News	
My Account		Account	Confirmed			
My Account Create Account Login		Account (Confirmed	You can now login) and start using yo	our account.

Logon to <u>http://www.dyndns.com/account/login.html</u> and click Login on the left. Type account and password and click Login

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	Copyright @ 199	9 2005 <u>Dynamic Netwo</u> r	k Senices, Inc Privac	Policy - Accepta	ble Use Policy - Trad	emaik Notices			

http://www.dyndns.com/account/services/hosts/dyndns/ and click Hostname, then type wishful hostname (system will detect user's IP automatically), and click Add Host Add Host

New Dynamic D	NS SM Host	
Hostname:	twsafe	, dyndns.org 💌
IP Address:	61.221.18.146	
Enable Wildcard:		
Mail Exchanger (optional):		Backup MX?
		Add Host Reset Forr

■ Hostname Created

Hostname Created

Dynamic DNS Home

The hostname you have requested has been created. The information now in the database and DNS system is:

Hostname:	twsafe.dyndns.org
IP Address:	61.221.18.146
Wildcard:	Y
Mail Exchanger:	None
Backup MX:	N

■ When IP address changes, DDNS <u>http://www.dyndns.org</u> will handshake new IP address. User also can change IP

address manually.

Modify Dynamic DNS ib	tek.dyndns.org
IP in Database/DNS:	220.132.206.9
Last Updated:	Wed Nov 2 22:34:47 2005
New IP Address:	220.132.206.9 This is the IP address that your browser is reporting and may or may not be the same IP address currently in DNS.
Enable Wildcard:	
Mail Exchanger (optional):	Backup MX?
	Modify Host Delete Host Reset Form

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Email:	service@oosec.com
Web:	www.oosec.com

Appendix C Limited Warranty

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Any Product requiring service during Warranty period should be returned to TWSAFE in accordance with the "Return Material Authorization" process set forth in documentation for that Product and in the current TWSAFE Products and Services Guide.

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Appendix D PAL/NTSC Country/Region List PAL:

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NTSC:

ALASKA, AMERICAN SAMOA, ANTIGUA, ANTILLES (DUTCH), ARUBA, BAHAMAS, BARBADOS, BARBUDA, BELIZE, BERMUDA, BOLIVIA, BRITISH VIRGIN ISLANDS, BURMA, CANADA, CAYMEN ISLANDS, CHILE, COLUMBIA, COSTA RICA, CUBA, CURACAO, DIEGO GARCIA, DOMINICA, DOMINICAN REPUBLIC, ECUADOR, EL SALVADOR, GALAPAGOS ISLAND, GREENLAND, GRENADA, GUAM, GUATEMALA, GUYANA (REPUBLIC), HAITI, HAWAII, HONDURAS, JAMAICA, JAPAN, JOHNSTON ISLANDS, KOREA SOUTH, LEEWARD ISLANDS, MARIANA ISLANDS, MARSHALL ISLANDS, MEXICO, MICRONESIA, MIDWAY ISLANDS, MONTSERRAT, MYANMAR, NICARAGUA, OKINAWA, PALAU, PANAMA, PERU, PHILIPPINES, PUERTO RICO, SAMOA, ST KITTS AND NEVIS, ST LUCIA, ST VINCENT, SURINAM, TAIWAN, TRINIDAD & TOBAGO, UNITED STATES OF AMERICA, VENEAUELA, VIETNAM, VIRGIN ISLANDS