

TWS1

Web server per Speed Dome

Manuale Utente

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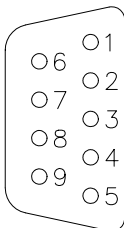
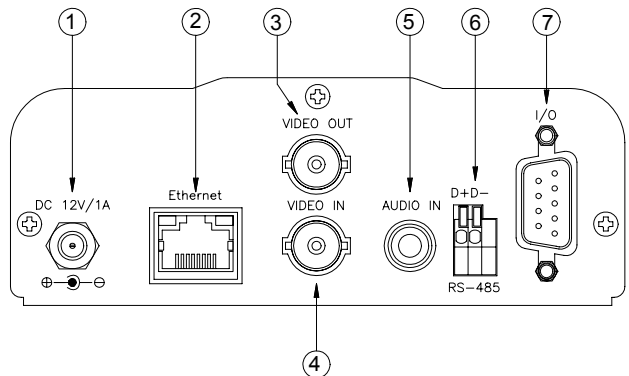
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1 Caratteristiche

Interfaccia di rete	Ethernet (10/100 Base-T)
Qualità video	VGA/CIF/QCIF
Processore Hardware incluso	32 Bits RISC
Tensione nominale di alimentazione	12V
Compressione audio	PCM/ADPCM
Aggiornamento firmware	25,2°
Eventi & Azioni	Eventi: innescati dall'ingresso GPIO / Azioni: Invio dell'immagine ad una specifica e-mail
Risoluzione verticale	VGA (640x480), CIF (320x240)
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2 Hardware

1. Alimentazione (CC 12V)
2. Ethernet (RJ-45)
3. VIDEO OUT BNC JACK
4. VIDEO IN BNC JACK
5. AUDIO IN RCA JACK
6. RS-485 / PTZ header.
7. GPIO I/O



- | | | |
|----------|-----------|-----------|
| 1.12V | 4.X | 7.OUTPUT2 |
| 2.ALARM1 | 5.GND | 8.OUTPUT3 |
| 3.ALARM2 | 6.OUTPUT1 | 9.OUTPUT4 |

3 Setup

3.0 Requisiti Hardware

- CPU: Intel Pentium or AMD, 1.0GHz
- Memoria: 128MB
- VGA: 32MB, 32 bit color quality

3.1 Software

All'interno del CD ci sono:

- Cht rappresenta il programma e il manuale in lingua cinese.
- Eng rappresenta il programma e il manuale in lingua inglese.

Programma:

- **IPInstallerCht.exe**: Interfaccia utente cinese.
- **IPInstallerEng.exe**: Interfaccia utente inglese.

Sistema Operativo utilizzato:

- Se è utilizzato un **Sistema Operativo Microsoft**, è necessario avere una versione di Internet Explorer superiore alla release 6.0.
- Se è utilizzato un **Sistema Operativo Linux**, fare riferimento alla specifica distribuzione per le impostazioni del caso.

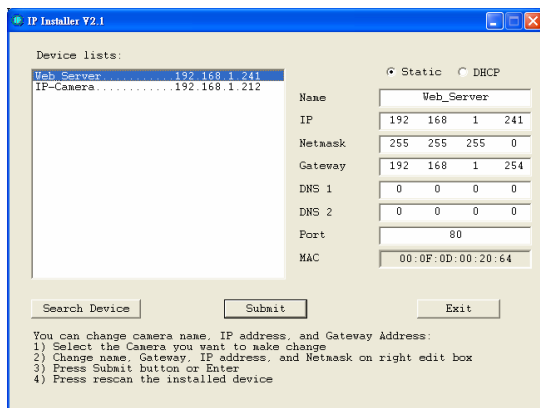
3.2 Panoramica di Installazione

Essendoci diversi sistemi di gestione della rete, esistono rispettivamente diversi metodi di installazioni che verranno spiegati separatamente.

- IP Statico
- IP Dinamico
- (PPPoE) Metodo Dialing

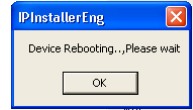
3.3 Configurazione Indirizzo IP

Installare l'apparecchio sulla rete LAN interna o utilizzare un cross-over interlacciato direttamente al cavo di rete e un computer per effettuare il collegamento diretto (utilizzando il software IPInstaller). Se si dispone di Windows XP SP2 o superiore, al verificarsi degli avvisi di sicurezza fare click su **Sblocca**.



Se si clicca su **Search Device** a sinistra vengono elencati tutti i dispositivi con i rispettivi indirizzi IP collegati alla rete LAN. Quando un dispositivo è selezionato, a destra vengono visualizzati tutti i parametri dello stesso. I vari parametri possono essere editati cliccando su **Submit**

👉 **NOTA:** Inserire i corretti parametri di rete. Non sono consentiti spazi tra i caratteri.



3.4 Impostazioni di Microsoft Internet Explorer:

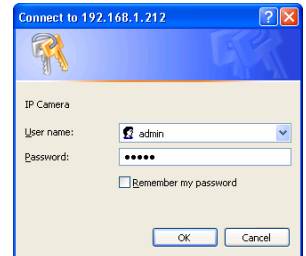
IE > Strumenti > Opzioni Internet > Protezione > Livello personalizzato > Security Settings > **Download unsigned ActiveX controls**

IE > Strumenti > Opzioni Internet > Protezione > Livello personalizzato > Security Settings > **Initialize and script ActiveX controls not marked as safe**

4 Operation procedures

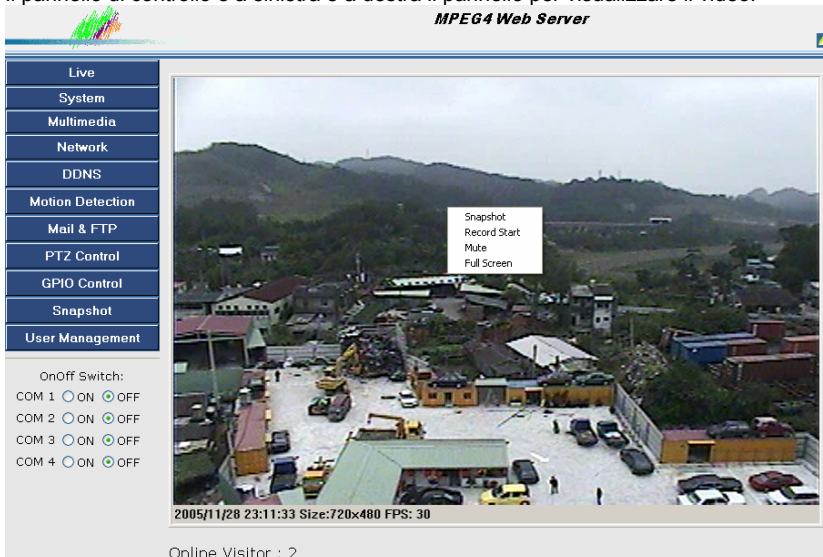
Dopo aver settato l'indirizzo IP eseguire Internet Explorer e collegarsi al WebServer, immettendo i seguenti dati:

- User name: **admin**
- Password: **admin**



4.0 Live Video

Il pannello di controllo è a sinistra e a destra il pannello per visualizzare il video.



Online Visitor : 2

- **Snapshot:** Dalla barra dei menu Snapshot, è aperta una nuova finestra e controllare l'icona del disco nell'angolo superiore destro per salvare l'immagine. Oppure fare Tasto Destro sullo schermo > Snapshot > Seleziona il percorso per salvare l'immagine.
- **Record Video:** Tasto destro sullo schermo > Record Start > Seleziona il percorso per salvare l'immagine.
- **Mute:** Tasto destro sullo schermo > Mute.
- **Full Screen:** Tasto destro sullo schermo > Full Screen > Per tornare indietro fare doppio click con il tasto sinistro.
- **Online Visitor:** Il sistema può avere la massimo quattro utenti collegati.

4.1 Impostazione Sistema

System Setting	
Server Information	
Web_Server Version:	V1.06
Web_Server Title:	Web_Server
Web_Server time Setting	
Web_Server time:	11/29/2005 14:49:45 Time Zone: GMT+08:00
Time zone:	GMT+08:00
<input checked="" type="radio"/> NTP:	
NTP Servers:	198.123.30.132
<input type="radio"/> Input new time: <input checked="" type="checkbox"/> Synchronize with PC's time	
Date:	11/28/2005
Time:	22:49:45
<input type="button" value="Apply"/>	
Language Setting	
<input checked="" type="radio"/> English	<input type="radio"/> 繁體中文語系
<input type="radio"/> 简体中文語系	
Others	
<input type="button" value="Reboot Web_Server"/>	
Firmware Upgrade	
New Firmware:	<input type="button" value="Browse..."/>
<input type="button" value="Upgrade"/>	

4.1.0 Informazioni Server

- **Version:** versione firmware della Telecamera IP.
- **IP Camera Title:** Il nome inviato nella rete della Telecamera.

4.1.1 Impostazione Orario Web Server

- **Time Zone:** Selezione dell'ora locale.
- **NTP:** Sincronizza con il Network Time Protocol server dalla Porta 123.
- **Input New Time / Synchronize with PC's time:** Digitare manualmente o sincronizzare con il PC

4.1.2 Impostazione Lingua

Cambia l'interfaccia utente nella lingua Inglese, Trad. Cinese o Simp. Cinese.

4.1.3 Altro

Reboot Web_Server: Riavvia il Web Server.

4.1.4 Aggiornare Firmware

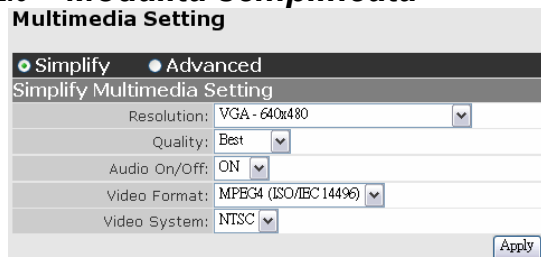
From Browse button to select firmware file & press Upgrade key to update.

Attention:

1. Please confirm the source for firmware update & under LAN/Intranet, invalid file & unstable connection would cause the camera damaged.
2. Please reboot device before Firmware Upgrade.
3. Please wait for 1-2 minutes for file loaded, don't power off.

4.2 Impostazioni Multimediali

4.2.0 Modalità semplificata



Multimedia Setting

Simplify Advanced

Simplify Multimedia Setting

Resolution: VGA - 640x480

Quality: Best

Audio On/Off: ON

Video Format: MPEG34 (ISO/IEC 14496)

Video System: NTSC

Apply

Dopo aver premuto **Apply** clicca su **Continue** per settare alter impostazioni, o **View** per verificare l'immagine immediatamente.

Resolution:

Permette di modificare la risoluzione

D1 – 720X480 (Risoluzione Standard per DVD)

VGA – 640X480

CIF – 320X240

QCIF – 160X120

Quality:

Best/ High/ Standard/ Medium/ Low

Audio On/Off:

Attiva o disattiva l'audio

Video Format:

MPEG4 (ISO/IEC 14496)

Motion JPEG (MJPEG)

Video System:

NTSC / PAL dipende dal tipo di paese

4.2.1 Advanced Mode

Multimedia Setting	
<input checked="" type="radio"/> Simplify <input type="radio"/> Advanced	
Advanced Multimedia Setting	
Resolution:	VGA - 640x480
Bitrate Control Mode:	CBR
Video bitrate:	1Mbps
Video Frame Rate:	30 FPS
GOP Size:	1 X FPS GOP = 30
Audio On/Off:	OFF
Video Format:	MPEG4 (ISO/IEC 14496)
Video System:	NTSC
<input type="button" value="Apply"/>	

Dopo aver premuto **Apply** clicca su **Continue** per settare altre impostazioni, o **View** per verificare l'immagine immediatamente.

Resolution:

Permette di modificare la risoluzione
 D1 – 720X480 (Risoluzione Standard DVD)
 VGA – 640X480
 CIF – 320X240
 QCIF – 160X120

Bitrate Control Mode:

CBR (Constant Bit Rate)
 Q=4~30
 4=migliore; 30=peggiore

Video Bitrate:

64 Kbps/ 128 Kbps/ 256 Kbps/ 384 Kbps/ 512 Kbps/ 768 Kbps/ 1 Mbps/ 1.5 Mbps/ 2 Mbps/ 2.5 Mbps/ 3 Mbps/ 3.5 Mbps/ 4 Mbps

Video Bitrate dipende dalla banda della rete, se è molto alto rispetto alla banda della rete il video si vedrà con ritardo.

Video Frame Rate:

7 FPS/ 10 FPS/ 15FPS/ 30FPS

GOP Size:

1/2 X FPS/ 1 X FPS/ 2 X FPS

"Group of Pictures" si intende la quantità di frame in un secondo, quindi più GOP è alto, migliore sarà la qualità

Audio On/Off:

Attiva o disattiva l'audio

Video Format:

MPEG4 (ISO/IEC 14496)
 Motion JPEG (MJPEG)

Video System:

NTSC / PAL dipende dal tipo di paese.

4.3 Impostazioni di Rete

Network Setting	
IP Assignment:	
IP Configuration:	<input type="radio"/> DHCP <input checked="" type="radio"/> Static
MAC Address:	<input type="text" value="00:0F:0D:00:20:63"/>
IP Address:	<input type="text" value="192.168.1.210"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.1.254"/>
DNS Setting:	
DNS 0:	<input type="text" value="0.0.0.0"/>
DNS 1:	<input type="text" value="0.0.0.0"/>
Port Setting	
HTTP Port:	<input type="text" value="80"/>
Video Port:	<input type="text" value="7070"/>
Audio Port:	<input type="text" value="7071"/>
PPPoE Setting	
ADSL:	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Username:	<input type="text"/>
Password:	<input type="text"/>
PPPoE Subject:	<input type="text" value="PPPoE Form IPcam"/>
<input type="checkbox"/> Send mail after dialed	
<input type="button" value="Apply"/>	

Dopo aver premuto **Apply** clicca su **Continue** per settare altre impostazioni, o **View** per verificare l'immagine immediatamente.

4.3.0 Assegnazione IP

- **Modalità DHCP:** con la modalità Dynamic Host Configuration Protocol, il tuo DHCP server sarà aggiornato automaticamente appena connessi.
- **Modalità Statico:** digitare in **IP Address**, **Subnet Mask** & **Gateway** i propri parametri personali.

Fondamentalmente nella stessa rete solo gli indirizzi IP sono diversi, ma il Subnet Mask e Gateway possono coincidere.

4.3.1 Impostazioni DNS

- **Modalità DHCP:** con la modalità Dynamic Host Configuration Protocol, il tuo DHCP server sarà aggiornato automaticamente appena connessi.
- **Modalità Statico:** digitare in **DNS 0** & **DNS 1** i propri parametri personali.

4.3.2 Impostazione Porte

- **Porta HTTP:** Default 80.
- **Porta Video:** Default 7070.
- **Porta Audio:** Default 7071 (Video Port +1).

4.3.3 Impostazioni PPPoE

- **ADSL:** Mentre la Telecamera IP via PPPoE si collega a internet, cliccare su **Enabled**.
- **Username:** Username del proprio account ADSL.
- **Password:** Password del proprio account ADSL.
- **PPPoE Subject:** Assegna un nome al PPPoE.
- **Send mail after dialed:** Dopo avere effettuato la connessione, il sistema invierà una mail di notifica.

4.4 DDNS / Dynamic DNS

Dynamic DNS

DDNS Setting:

DDNS: Enabled Disabled

Username:

Schedule Update:

State:

Idle!

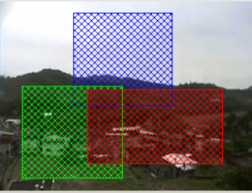
Dopo aver premuto **Apply** clicca su **Continue** per settare alter impostazioni, o **View** per verificare l'immagine immediatamente.

4.4.0 Impostazione DDNS

- **Enabled / Disabled:** Abilita o Disabilita la funzione DDNS.
- **Username:** Username DDNS.
- **Schedule Update:** Il periodo tra la sincronizzazione del nuovo indirizzo IP con il DDNS server.

4.5 Rilevamento Movimento

Motion Detection



2005/05/03 16:19:30 Size:720x480 FPS: 30

Area 1 Area 2 Area 3

Area Save

Motion Detection Setting

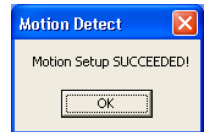
Sensitivity: 5 5 5

Area1 Action: EMAIL FTP COM1 COM2 COM3 COM4

Area2 Action: EMAIL FTP COM1 COM2 COM3 COM4

Area3 Action: EMAIL FTP COM1 COM2 COM3 COM4

Interval: 5 sec



Fornisce tre zone di rilevamento distinte.

- **Area Setup:** Area 1 blu, Area verde e Area 3 rossa.
- **Sensitivity:** Ogni area può avere un livello di sensibilità da 1 a 10.
- **Area Action:** Setta le relative azioni da compiere, quando il movimento è rilevato.
- **Interval:** Quando è rilevato il movento, le immagini sono caricate in un intervallo di tempo che varia da 3 a 7 secondi.

4.6 Impostazioni Mail & FTP

Mail & FTP Setting

Mail

Mail Server:

Sender Mail:

Receiver Mail:

Bcc Mail:

Motion Subject: Web_Server Warning!

FTP

FTP Server:

Username:

Password:

Port: 21

Upload Path: /

Apply

Dopo aver premuto **Apply** clicca su **Continue** per settare alter impostazioni, o **View** per verificare l'immagine immediatamente.

4.6.0 Mail

- **Mail Server:** Indirizzo server Email.
- **Sender Mail:** Indirizzo Sender Email.
- **Receiver Mail:** Indirizzo Receiver Email.
- **Bcc Mail:** Indirizzo Blind Carbon Copy Email.

 **NOTA:** è possibile aggiungere più indirizzi email ponendo il simbolo “;” tra ogni indirizzo. Per esempio: john@yahoo.com; john@hotmail.com; john@gmail.com

- **Motion Subject:** Soggetto dell'email di notifica.

4.6.1 FTP

- **FTP Server:** indirizzo server FTP.
- **Username:** Username per account FTP.
- **Password:** Password per account FTP.
- **Port:** servizio FTP con porta impostata di default a 21.
- **Upload Path:** se lasciato vuoto indica la root del server FTP.

4.7 Controllo PTZ

- **Model (protocol):** PELCO-D / PELCO-P /HPT-11A / Panasonic-CS850 / DynaColor-D / Lilin PIH-7600 / DMP 15H1.
- **Camera ID:** Supporta fino a 127 unità di controllo PTZ.
- **Baudrate:** 2400 / 4800 / 9600 bps.
- **Speed:** Modifica la velocità da 0(lenta) a 9(veloce).
- **Point:** Fornisce nove punti pre-impostati, in modo da poter passare rapidamente da una posizione all'altra.
- **Point name:** Assegna un nome al singolo punto.
- **Preset:** Salva le modifiche apportate ai punti.
- **Remove:** Rimuove le modifiche apportate ai punti.
- **Zoom:** Modifica manualmente lo zoom.
- **Direction:** Modifica la direzione della telecamera.
- **Iris:** Modifica manualmente il valore dell'iris.
- **Focus:** Modifica manualmente il valore della focale.
- **Full Screen:** Con un doppio click permette di passare alla modalità Schermo Intero.



4.8 GPIO Control

GPIO Control

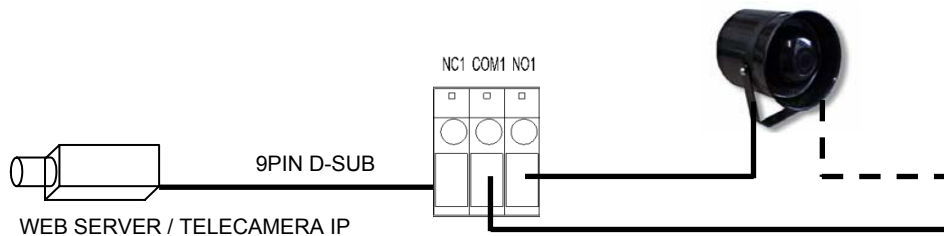
Alarm Input Setting	
Alarm1 Atcion:	<input type="checkbox"/> EMAIL <input type="checkbox"/> FTP <input type="checkbox"/> COM1 <input type="checkbox"/> COM2 <input type="checkbox"/> COM3 <input type="checkbox"/> COM4
Alarm2 Atcion:	<input type="checkbox"/> EMAIL <input type="checkbox"/> FTP <input type="checkbox"/> COM1 <input type="checkbox"/> COM2 <input type="checkbox"/> COM3 <input type="checkbox"/> COM4
Interval:	5 sec
GPIO Output Setting	
Module:	<input checked="" type="radio"/> OnOff Switch <input type="radio"/> Slide Switch <input type="radio"/> Pan/Tilt Module
Interval:	5 sec

- **Impostazioni ingresso Allarme:** dalla porta di ingresso GPIO I/O fornisce una determinate azione quando l'ingresso si attiva.
- **Impostazioni uscita GPIO:** dalla porta di uscita GPIO I/O forniscono un interruttore ON/OFF, Slide Switch, e Modulo Pan/Tilt per l'uso con relé.

4.8.0 Installazione GPIO

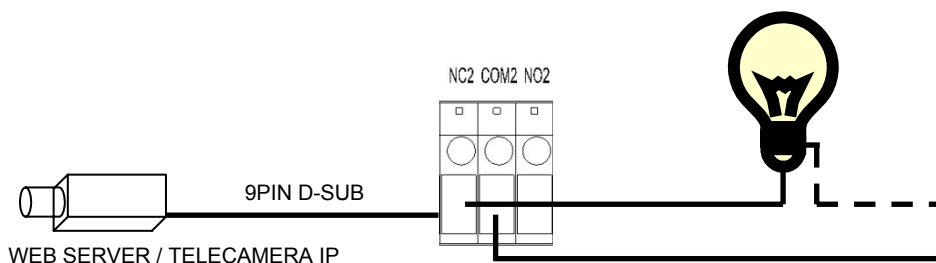
4.8.0.0 ESEMPIO 1

Caso in cui è generato un allarme su NA al verificarsi di COM1.



4.8.0.1 ESEMPIO 2

Attiva l'illuminazione quando si verifica l'evento in COM2.



4.9 Impostazioni Utente

User Setting

Anonymous User Login

YES NO Setting

User Management

LEVEL User

HTTP Username:

HTTP Password:

Confirm:

Add/Set

No	User Name	Password	Management	
0	admin		Administrator	
1	user	user	User	DEL

Ci sono tre tipi di utente: Amministratore, Anonimo e Normale.

User name: **admin**

Password: **admin**

4.9.0 Login Utente Anonimo

- **YES:** Accetta il login di un utente anonimo senza password di accesso.
- **NO:** Non è possibile accettare il logi di un utente anonimo.

4.9.1 Gestione Utente

- **Add user:** Inserisci in HTTP Username, Password e poi **Add/Set** per salvare.
- **Modify user:** Seleziona l'utente da modificare dalla lista e poi **Add/Set** per salvare.
- **Delete user:** Premere **Delete** per eliminare l'utente selezionato.

5 Recuperare la password

1. Aprire il case del Web Server .
2. Premere e tenere premuto il pulsante arancione nel riquadro giallo.
3. Accendere il Web Server dopo che si è tenuto premuto per 30 secondi il tasto.
4. Si sono così ripristinati tutti i valori di fabbrica dell'apparecchio.





DICHIARAZIONE DI CONFORMITA'
SECONDO LE NORME ISO/IEC GUIDA 22 EN 45014

IMPORTATORE: *CIA Trading S.r.l.*
 INDIRIZZO: *Via Caserta al Bravo, 218 - 80144 NAPOLI*
 MARCHIO UTILIZZATO: 
 CODICE DEL PRODOTTO: *TVQ254Z*
 DESCRIZIONE DEL PRODOTTO: *Processore QUAD a colori 4 canali allarmabile con zoom*

Il prodotto sopra descritto risulta conforme ai requisiti prescritti nelle seguenti norme:

NORMA APPLICATA	TITOLO
EN50130-4	NORMA DI PRODOTTO PER L'IMMUNITA'
EN50081-1 (1992)	NORMA GENERICA DI EMISSIONE Classe della norma generica: domestico, commerciale ed industriale leggero.
EN50082-1 (1992)	NORMA GENERICA DI IMMUNITA' Classe della norma generica: domestico, commerciale ed industriale leggero.
EN60335-1 (1996)	Norma per la sicurezza degli apparecchi elettrici d'uso domestico e similare.

La conformita' e' stata valutata sulla base di prove eseguite su campione e con allestimento che rispetchia la configurazione funzionale prevista per la sua utilizzazione. Pertanto il prodotto soddisfa i requisiti della direttiva EMC 89/336/CEE e BT 73/23/CEE. Il produttore declina ogni responsabilita' per danni a persone o cose derivanti da una errata installazione o da un incauto utilizzo del prodotto.

Data

05/08/2008

L'Amministratore Delegato





TVWS1

Web server for Speed Dome camera

User Manual

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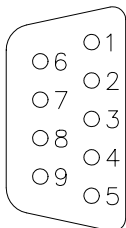
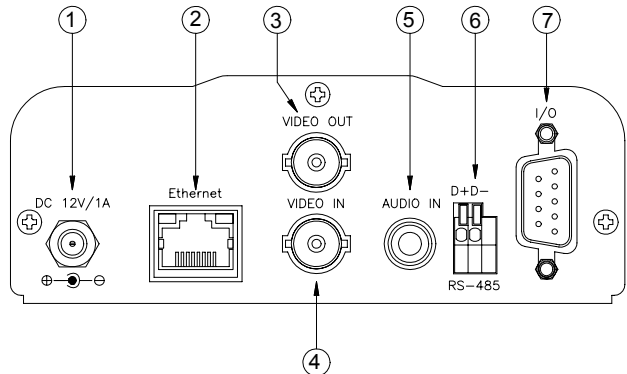
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1 Features

Network Interface	Ethernet (10/100 Base-T)
Video quality	VGA/CIF/QCIF
Hardware CPU included	32 Bits RISC
Power supply voltage	12V
Audio compression	PCM/ADPCM
Firmware upgrade	25,2°
Trigger & Action	Triggered by GPIO Input / Action: E-mail image to specific account
Vertical resolution	VGA (640x480), CIF (320x240)
Alarm input	4
Alarm outputs	4

2 Hardware

1. Power Supply (DC 12V)
2. Ethernet (RJ-45)
3. VIDEO OUT BNC JACK
4. VIDEO IN BNC JACK
5. AUDIO IN RCA JACK
6. RS-485 / PTZ header.
7. GPIO I/O



- | | | |
|-----------|------------|------------|
| 1. 12V | 4. X | 7. OUTPUT2 |
| 2. ALARM1 | 5. GND | 8. OUTPUT3 |
| 3. ALARM2 | 6. OUTPUT1 | 9. OUTPUT4 |

3 Setup

3.0 Hardware Requirement

- CPU: Intel Pentium or AMD, 1.0GHz
- Memory: 128MB
- VGA: 32MB, 32 bit color quality

3.1 Software

Inside the CD there are two types.

- Cht represents the application program and manual in Chinese language.
- Eng represents the application program and manual in English language.

Application program:

- **IPInstallerCht.exe**: Chinese user interface
- **IPInstallerEng.exe**: English user interface

O.S. utilized:

- If **Microsoft O.S.** is utilized, inside the computer it is necessary to have IE browser Ver. 6.0 or above.
- If **Linux O.S.** is utilized, for the setting please refer to the setting of Linux.

3.2 Installation overview

As there are different network systems, therefore there are a few different installation methods that will be introduced separately.

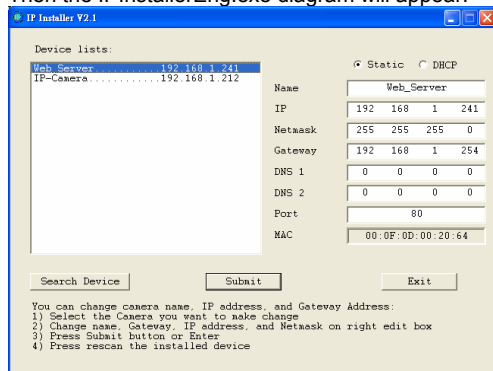
- (Static IP) fixed IP
- (Dynamic IP) dynamic IP
- (PPPoE) dialing method

For various installation methods.


3.3 IP Address configuration

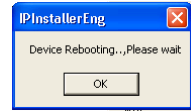
Install the machine inside the LAN internal network or utilize cross-over interlaced network cable directly (in the accessories pack) and one computer to conduct direct connection. This step is to set the IP position of the IP Cam by IPInstaller. If Windows XP SP2 or above the security alert occur, please click on **Unblock**.

Then the IPInstallerEng.exe diagram will appear:



The Device lists on the left will list out all IP Cam on LAN by **Search Device** button. When the equipment is pointed by the mouse, the right side will show the parameters of various networks. Various parameters can be revised on it and by pressing the "**Submit**" on the lower part; the revision will complete and following diagram appear.

 **NOTE:** Please input correct network parameters. No space is allowed between characters.



3.4 Microsoft Internet Explorer browser setting:

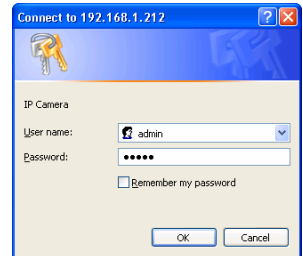
IE > Tools > Internet Options > Security > Custom Level > Security Settings > **Download unsigned ActiveX controls** > Enabled or Prompt (recommend).

IE > Tools > Internet Options > Security > Custom Level > Security Settings > **Initialize and script ActiveX controls not marked as safe** > Enabled or Prompt (recommend).

4 Operation procedures

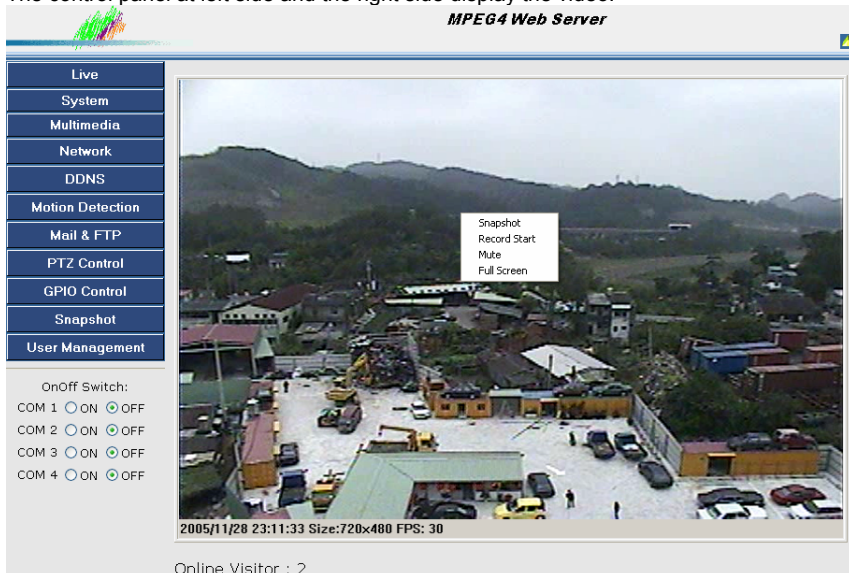
After setting up the IP based on the above step, connect to the intended network or LAN. Execute IE directly on PC. Directly input IP to conduct on-line and following User Management diagram occur and default administrator as below:

- User name: **admin**
- Password: **admin**



4.0 Live Video

The control panel at left side and the right side display the video.



Online Visitor : 2

- **Snapshot:** From left menu bar Snapshot, a new windows open and check disk icon on right upper corner to save image. Or Right Click on the screen > Snapshot > Select the path to save image.
- **Record Video:** Right Click on the screen > Record Start > Select the path to save video.
- **Mute:** Right Click on the screen > Mute the microphone on the camera.
- **Full Screen:** Right Click on the screen > Full Screen > Back by double click or by double click on screen to switch full screen mode.
- **Online Visitor:** System preset max clients up to 4 users, if the 5th user access to the website the left screen will in black color to keep fluently.

4.1 System setting

System Setting	
Server Information	
Web_Server Version:	V1.06
Web_Server Title:	Web_Server
Web_Server time Setting	
Web_Server time:	11/29/2005 14:49:45 Time Zone: GMT+08:00
Time zone:	GMT+08:00
<input type="radio"/> NTP:	
NTP Servers:	198.123.30.132
<input type="radio"/> Input new time: <input checked="" type="checkbox"/> Synchronize with PC's time	
Date:	11/28/2005
Time:	22:49:45
<input type="button" value="Apply"/>	
Language Setting	
<input checked="" type="radio"/> English <input type="radio"/> 繁體中文語系	
<input type="radio"/> 简体中文語系	
Others	
<input type="button" value="RebootWeb_Server"/>	
Firmware Upgrade	
New Firmware:	<input type="text"/> <input type="button" value="Browse..."/>
<input type="button" value="Upgrade"/>	

4.1.0 Server Information

- **Version:** IP Camera firmware version.
- **IP Camera Title:** The name seen at the network end in Chinese and English.

4.1.1 Camera Time Setting

- **Time Zone:** Local time zone selection.
- **NTP:** Synchronize with Network Time Protocol server from Port 123, after press Applykey or IP Camera reboot.
- **Input New Time / Synchronize with PC's time:** Manually key in or Synchronize with PC.

4.1.2 Language Setting

Change user interface to English, Trad. Chinese or Simp. Chinese (GB2312).

4.1.3 Others

Reboot Web_Server: Reboot the Web Server.

4.1.4 Firmware Upgrade

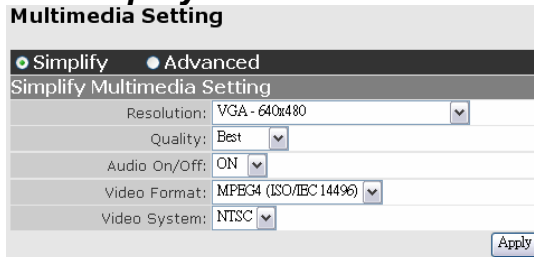
From Browse button to select firmware file & press Upgrade key to update.

Attention:

1. Please confirm the source for firmware update & under LAN/Intranet, invalid file & unstable connection would cause the camera damaged.
2. Please reboot device before Firmware Upgrade.
3. Please wait for 1-2 minutes for file loaded, don't power off.

4.2 Multimedia Setting

4.2.0 Simplify Mode



Multimedia Setting

Simplify Advanced

Simplify Multimedia Setting

Resolution: VGA - 640x480

Quality: Best

Audio On/Off: ON

Video Format: MPEG34 (ISO/IEC 14496)

Video System: NTSC

Apply

After press **Apply** key please click **Continue** to setting others item, or **View** to check image directly.

Resolution:

Support following adjustable resolution
D1 – 720X480 (DVD Standard Resolution)
VGA – 640X480
CIF – 320X240
QCIF – 160X120

Quality:

Best/ High/ Standard/ Medium/ Low
Equal Bitrate Control Mode Q = 5/7/10/14/19, thus Q more means compress rate higher and quality will going down

Audio On/Off:

Build in microphone switch

Video Format:

MPEG4 (ISO/IEC 14496)
Motion JPEG (MJPEG)

Video System:

NTSC / PAL switch depend on area differ

4.2.1 Advanced Mode

Multimedia Setting	
<input checked="" type="radio"/> Simplify <input type="radio"/> Advanced	
Advanced Multimedia Setting	
Resolution:	VGA - 640x480
Bitrate Control Mode:	CBR
Video bitrate:	1Mbps
Video Frame Rate:	30 FPS
GOP Size:	1 X FPS GOP = 30
Audio On/Off:	OFF
Video Format:	MPEG4 (ISO/IEC 14496)
Video System:	NTSC
<input type="button" value="Apply"/>	

After press **Apply** key please click **Continue** to setting others item, or **View** to check image directly.

Resolution:

Support following adjustable resolution
 D1 – 720X480 (DVD Standard Resolution)
 VGA – 640X480
 CIF – 320X240
 QCIF – 160X120

Bitrate Control Mode:

CBR (Constant Bit Rate)
 Q=4~30
 Constant Bit Rate means compress rate depend on Video Bitrate, more bitrate quality better
 Q more means compress rate higher and quality will going down, 4=best 30=lowest

Video Bitrate:

64 Kbps/ 128 Kbps/ 256 Kbps/ 384 Kbps/ 512 Kbps/ 768 Kbps/ 1 Mbps/ 1.5 Mbps/ 2 Mbps/ 2.5 Mbps/ 3 Mbps/ 3.5 Mbps/ 4 Mbps
 Video Birate related to network bandwidth, if video bitrate more than network bandwidth video will be lag or damage

Video Frame Rate:

7 FPS/ 10 FPS/ 15FPS/ 30FPS

GOP Size:

1/2 X FPS/ 1 X FPS/ 2 X FPS
 "Group of Pictures" means how much frame in a second, thus more GOP quality better

Audio On/Off:

Build in microphone switch.

Video Format:

MPEG4 (ISO/IEC 14496)
 Motion JPEG (MJPEG)

Video System:

NTSC / PAL switch depend on area differ.

4.3 Network Setting

Network Setting	
IP Assignment:	
IP Configuration:	<input type="radio"/> DHCP <input checked="" type="radio"/> Static
MAC Address:	<input type="text" value="00:0F:0D:00:20:63"/>
IP Address:	<input type="text" value="192.168.1.210"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="192.168.1.254"/>
DNS Setting:	
DNS 0:	<input type="text" value="0.0.0.0"/>
DNS 1:	<input type="text" value="0.0.0.0"/>
Port Setting	
HTTP Port:	<input type="text" value="80"/>
Video Port:	<input type="text" value="7070"/>
Audio Port:	<input type="text" value="7071"/>
PPPoE Setting	
ADSL:	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Username:	<input type="text"/>
Password:	<input type="text"/>
PPPoE Subject:	<input type="text" value="PPPoE Form IPcam"/>
<input type="checkbox"/> Send mail after dialed	
<input type="button" value="Apply"/>	

After press **Apply** key please click **Continue** to setting others item, or **View** to check image directly.

4.3.0 IP Assignment

- **DHCP Mode:** Under Dynamic Host Configuration Protocol mode, your DHCP server would update related setting automatically.
- **Static Mode:** Please key in **IP Address**, **Subnet Mask** & **Gateway** which depend on network each environment differ.

Basically under same network environment only IP address different, but Subnet Mask & Gateway will be same.

4.3.1 DNS Setting

- **DHCP Mode:** Under Dynamic Host Configuration Protocol mode, your DHCP server would update related setting automatically.
- **Static Mode:** Please key in **DNS 0** & **DNS 1** which depend on network each environment differ.

Basically under same network environment the will be same.

4.3.2 Port Setting

Under NAT or related environment following port need to mapping for virtual server setting need.

- **HTTP Port:** Defaulted as 80.
- **Video Port:** Defaulted as 7070.
- **Audio Port:** Defaulted as 7071 (Video Port +1).

4.3.3 PPPoE Setting

- **ADSL:** While IP Camera via PPPoE dial up to internet, please pick **Enabled**.
- **Username:** Username form ADSL account.
- **Password:** Password form ADSL account.
- **PPPoE Subject:** Name a dialup title.
- **Send mail after dialed:** After dial up success system would send a mail for notification, relate setting form 4-7 Mail & FTP item.

4.4 DDNS / Dynamic DNS

Dynamic DNS

DDNS Setting:

DDNS: Enabled Disabled

Username:

Schedule Update:

State:

Idle!

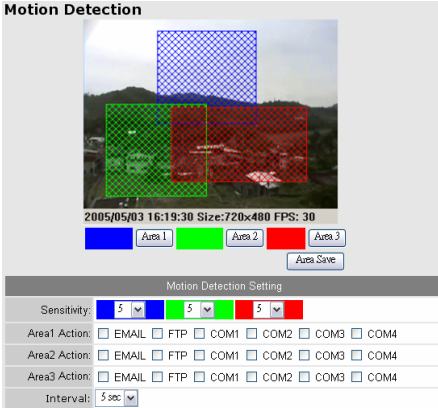
After press **Apply** key please click **Continue** to setting others item, or **View** to check image directly.

4.4.0 DDNS Setting

- **Enabled / Disabled:** Enabled or Disabled DDNS function.
- **Username:** DDNS username.
- **Schedule Update:** The period between synchronize new IP address with DDNS server.

4.5 Motion Detection

Motion Detection



2005/05/03 16:19:30 Size:720x480 FPS: 30

Area 1 Area 2 Area 3

Area Save

Motion Detection Setting

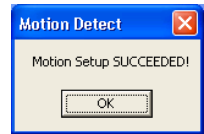
Sensitivity: 5 5 5

Area1 Action: EMAIL FTP COM1 COM2 COM3 COM4

Area2 Action: EMAIL FTP COM1 COM2 COM3 COM4

Area3 Action: EMAIL FTP COM1 COM2 COM3 COM4

Interval: 5 sec



Here provide 3 sets motion detection AREA & ACTION by using mouse dragging & check the related box, after setting please press **SAVE** to save area & sensitivity, and than a "Motion Setup SUCCEEDED" diagram show up.

- **Area Setup:** Area 1 by blue, Area 2 by green & Area 3 by red, support detect area cross over each other.
- **Sensitivity:** Each area support sensitivity level from 1 (min) to 10 (max) individually.
- **Area Action:** Setup related action, when motions triggered.
- **Interval:** When motions are triggered, images uploading interval time. Range from 3sec to 7sec.

4.6 Mail & FTP Setting

Mail & FTP Setting

Mail

Mail Server:

Sender Mail:

Receiver Mail:

Bcc Mail:

Motion Subject: Web_Server Warning!

FTP

FTP Server:

Username:

Password:

Port: 21


Upload Path: /

Apply

After press **Apply** key please click **Continue** to setting others item, or **View** to check image directly.

4.6.0 Mail

- **Mail Server:** Email server address.
- **Sender Mail:** Sender Email address.
- **Receiver Mail:** Receiver Email address.
- **Bcc Mail:** Blind Carbon Copy Email address.

 **NOTE:** You can use semicolon to separate receivers in the same field. You can easily add up as many receivers as you wish. For an example, below figure indicates 3 receivers are in the receiving list. EX: john@yahoo.com; john@hotmail.com; john@gmail.com

- **Motion Subject:** Motion notification Email subject.

4.6.1 FTP

- **FTP Server:** FTP server address.
- **Username:** Username for FTP upload account.
- **Password:** Password for FTP uploads account.
- **Port:** FTP service port number defaulted as 21.
- **Upload Path:** Default value is the root of FTP server if leave empty. Please make sure you have write privilege.

4.7 PTZ Control

- **Model (protocol):** PELCO-D / PELCO-P /HPT-11A / Panasonic-CS850 / DynaColor-D / Lilin PIH-7600 / DMP 15H1.
- **Camera ID:** Support up to control 127 units PTZ device.
- **Baudrate:** 2400 / 4800 / 9600 bps, bps means the speed of data transmission in bits per second.
- **Speed:** Adjust moving speed from 0(slowest) to 9(fastest).
- **Point:** Provide 9 sets preset point for setting, after setting can be easily moving to the position which setting before.
- **Point name:** Named for the 9 sets preset point.
- **Preset:** Saving the preset location & name.
- **Remove:** Remove the preset location & name.
- **Zoom:** Manual adjust zooming in & out by "+" & "-" key, zooming times depend on PTZ device.
- **Direction:** Moving PTZ device headed by 5 directions key.
- **Iris:** Manual adjust iris level by "+" & "-" key.
- **Focus:** Manual adjust focus by "+" & "-" key.
- **Full Screen:** By double click to switch full screen mode.



4.8 GPIO Control

GPIO Control

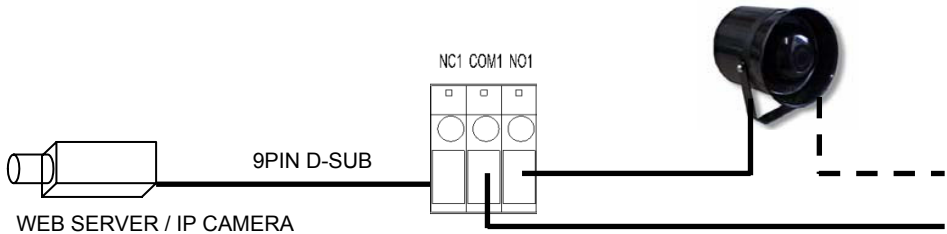
Alarm Input Setting	
Alarm1 Atcion:	<input type="checkbox"/> EMAIL <input type="checkbox"/> FTP <input type="checkbox"/> COM1 <input type="checkbox"/> COM2 <input type="checkbox"/> COM3 <input type="checkbox"/> COM4
Alarm2 Atcion:	<input type="checkbox"/> EMAIL <input type="checkbox"/> FTP <input type="checkbox"/> COM1 <input type="checkbox"/> COM2 <input type="checkbox"/> COM3 <input type="checkbox"/> COM4
Interval:	5 sec
GPIO Output Setting	
Module:	<input checked="" type="radio"/> OnOff Switch <input type="radio"/> Slide Switch <input type="radio"/> Pan/Tilt Module
Interval:	5 sec

- **Alarm Input Setting:** By GPIO I/O port input that provide related action while I/O input triggered.
- **GPIO Output Setting:** By GPIO I/O port output that provide OnOff Switch, Slide Switch & Pan/Tilt Module for using with relay box.

4.8.0 GPIO Installation

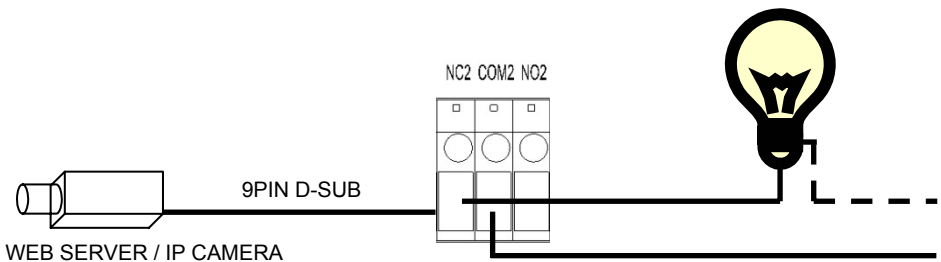
4.8.0.0 EXAMPLE 1

Trigger a normal off (Normal Open) alarm siren on when event/motion occur at COM1:



4.8.0.1 EXAMPLE 2

Trigger the normal on (Normal Close) indoor illumination off when event/motion occur at COM2:



4.9 User Management

User Setting

Anonymous User Login

YES
 NO

Setting

User Management

LEVEL User

HTTP Username:

HTTP Password:

Confirm:

Add/Set

No	User Name	Password	Management
0	admin		Administrator
1	user	user	User

DEL

User Management provides 3 layers: Administrator (highest), User & Anonymous login. Default administrator account:

User name: **admin**
 Password: **admin**

4.9.0 Anonymous User Login

- **YES:** Accept anonymous user login without password as guest login.
- **NO:** Anonymous login unacceptable.

4.9.1 User Management

- **Add user:** Key in HTTP Username, Password and than **Add/Set** key to save.
- **Modify user:** Check the account want to modify from User list, modify on User Management form directly and than **Add/Set** key to save.
- **Delete user:** User name will list out names of all users. Very bottom side "admin" is the highest level user and cannot be deleted. Others are general users. After it is being pointed, press **Delete** key to delete.

5 Password Recovery

1. Open the camera case.
2. Press and hold the pointed orange button.
3. Power on the camera then release the button after 30 second from power on.
4. Camera will restore to factory default, login to the camera's web administration page for future setup





DECLARATION OF CONFORMITY

ACCORDING to the Standards ISO/IEC GUIDE 22 EN 45014

IMPORTER: *CIA Trading S.r.l.*
 ADDRESS: *Via Caserta al Bravo, 218 - 80144 NAPOLI*
 USED TRADE MARK: 
 PRODUCT CODE: *TVVS1*
 PRODUCT DESCRIPTION: *Web server for Speed Dome camera*

The product herein described complies with the requirements prescribed in the following rules:

APPLIED STANDARD	TITLE
EN50130-4	PRODUCT STANDARD FOR IMMUNITY
EN50081-1 (1992)	GENERIC STANDARD OF EMISSION Class of the generic standard: domestic, commercial and light manufacturer.
EN50082-1 (1992)	GENERIC STANDARD OF IMMUNITY Class of the generic standard: domestic, commercial and light manufacturer.
EN60335-1 (1996)	Safety of household and similar electrical appliances.

Conformity was valued on tests made by sample with setup that respects the original operating configuration of the product, so it satisfies the requirement of directive EMC 89/336/CEE and BT 73/23/CEE. The manufacturer declines any responsibility for damages to persons or things deriving from a wrong installation or an improper use of the product.

Date

05/08/2008

The Managing Director

