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Add-on Camera
WVS1000
User manual

Camera

1 2 3 4

WVS1000

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Wireless Video Series

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S 1 2 3 4

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Add-on Camera
WVS1000
User manual

Camera

1

2

3   4

Skypegateway

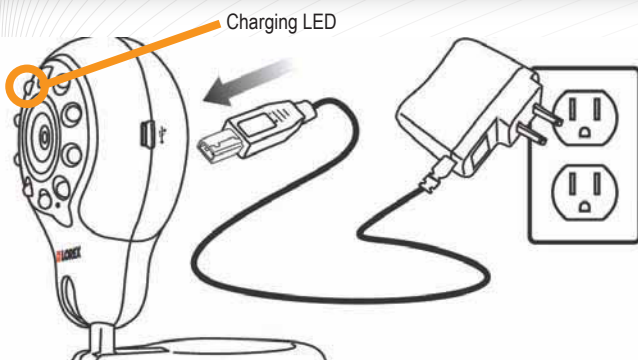Camera   Power Adapter

TIP

Before you install the camera, carefully plan where and how it will be positioned, and where you will route the cable that connects the camera to the power adaptor.

Avoid installing in a location which requires the wireless signal to pass through cement, concrete and metal structures. This will reduce the transmission range.

Charging the Camera

It is recommended to charge your camera before initial use.

1. Plug the AC power connector from the power adapter into the AC adapter port on the camera.

2. Connect the power adapter to a power outlet.

3. The charging LED glows red to indicate the camera is charging.

Charging LED

NOTE:
• Only use the included power adapter to charge the camera(s).
• Charge the camera for 8 hours to fully charge.
• USB jack is only for power supply use. No data is transferred.
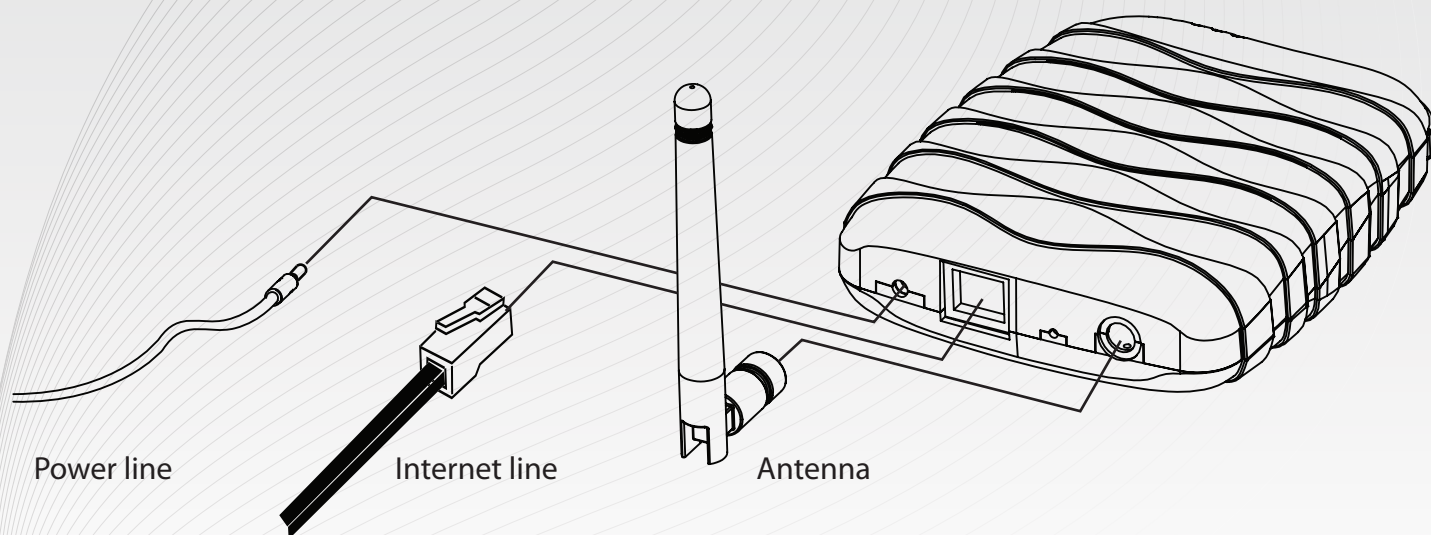
ovizee

Add-on Camera
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Camera
1
2
3   4

WVS1000

1. Hardware Setup Procedure

1.1 WVS1000

Power line   Internet line   Antenna

If the device is setup properly, all the LED's in the front panel will light up;
and the two LED's at the RJ45 socket will flash.
WVS1000 will get an IP address from the connected network and
will connect to Skype automatically (if default account is set for the device) .

### 1.2 Wireless Cameras

Connect the camera with the USB power adapter and switch it on.

2. Software Setup Procedure

**2.1   Install the PC application for the WVS1000
(support Windows XP, Vista, 7)**

**2.1.1 Insert the install disk and double-click the setup.exe.
Follow all the instruction in the installation procedure.
Normally, just press "Next" for default installation.
If Skype application is not installed on computer,
it will download the latest Skype and install it.**
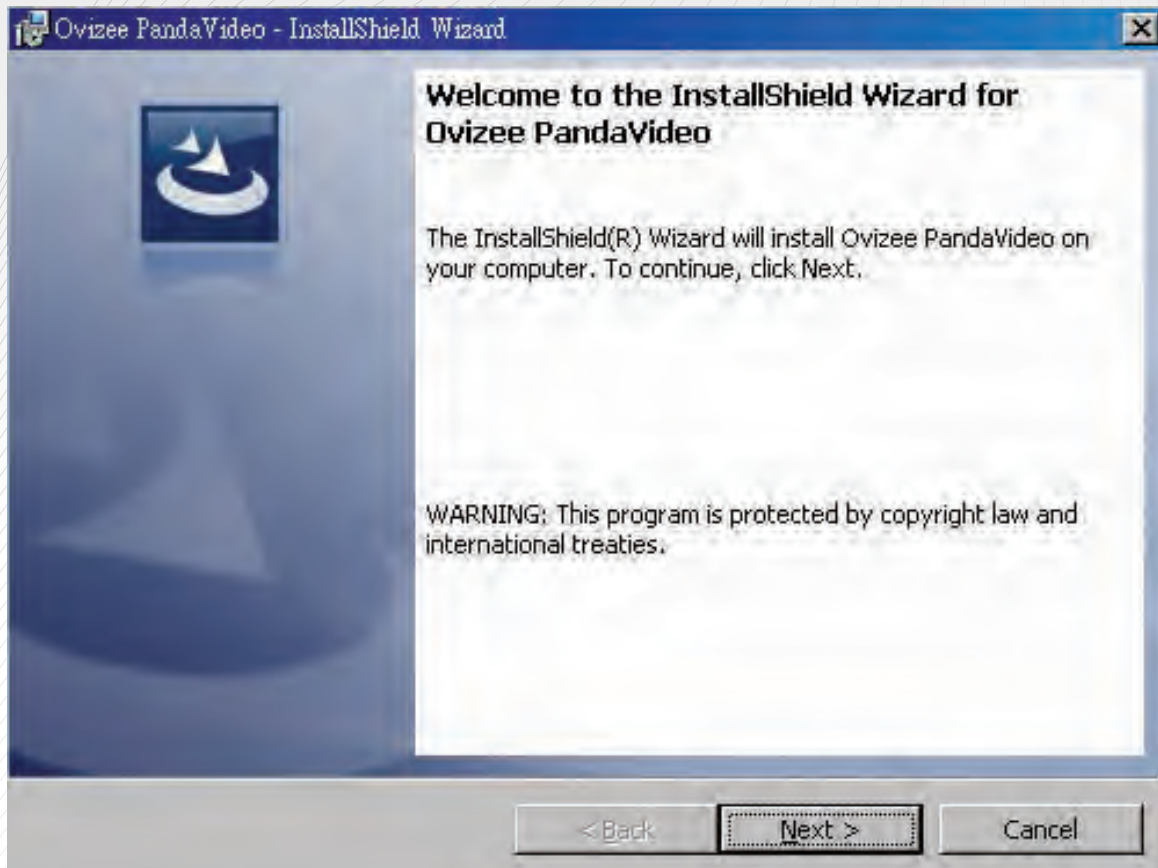
2. Software Setup Procedure
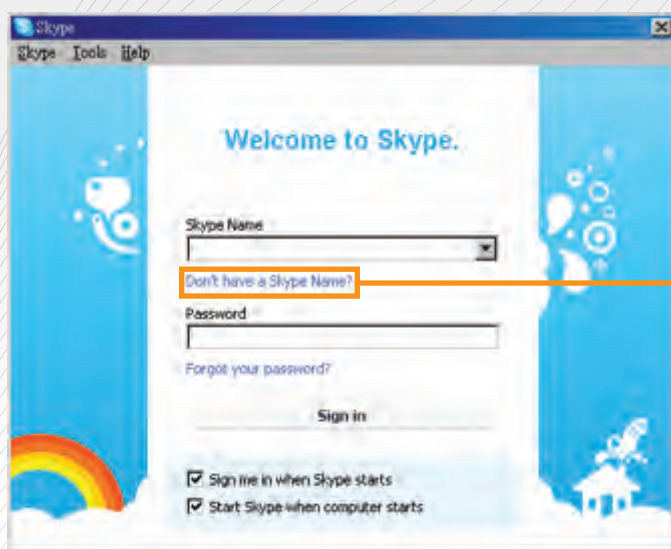
The following shows completion of installation.
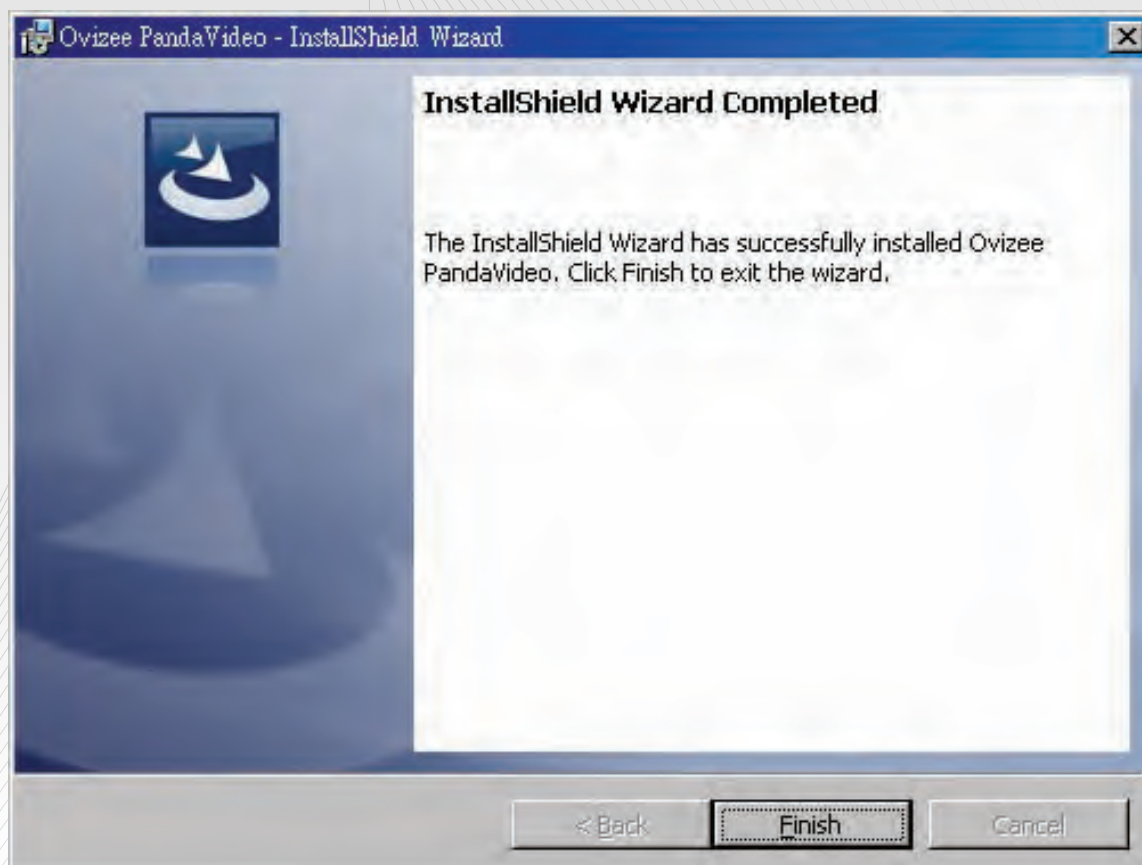
2. Software Setup Procedure

2.2 Skype

2.2.1 Create a default skype account for WVS1000
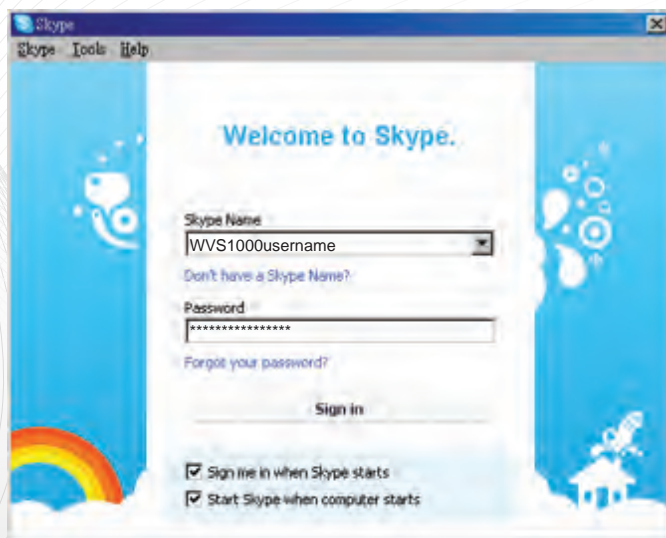   (assume "WVS1000username" as the skype name for this guide)

Run local Skype application, logout any existing account if it is online.

Click to create account

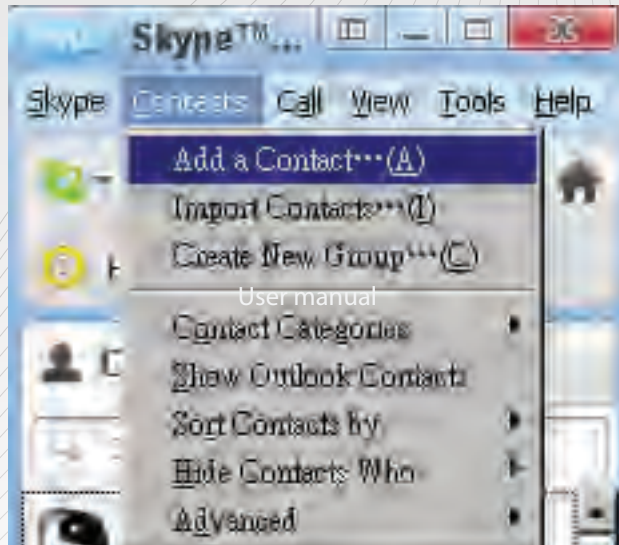### 2.2.2 Login with "WVS1000username"

ovizee

2. Software Setup Procedure

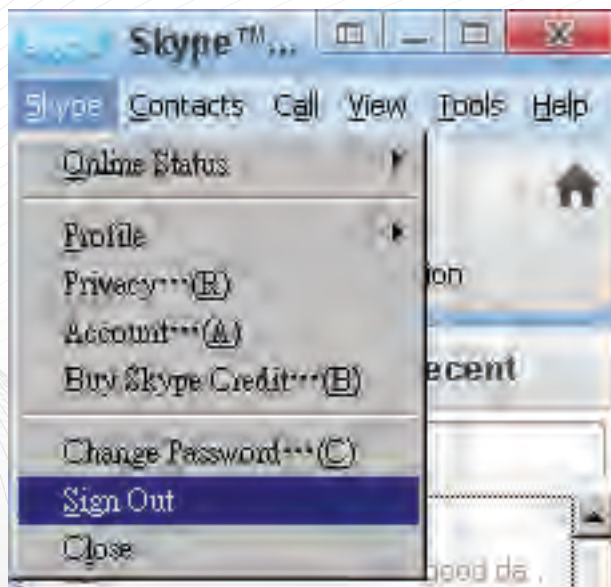## 2.2.3 Add a contact to the default skype account.

you can add your personal Skype account into the contact list
The added users will be able to connect to the WVS1000 for video stream!

After adding user contact,

sign out default WVS1000 Skype account and signin your
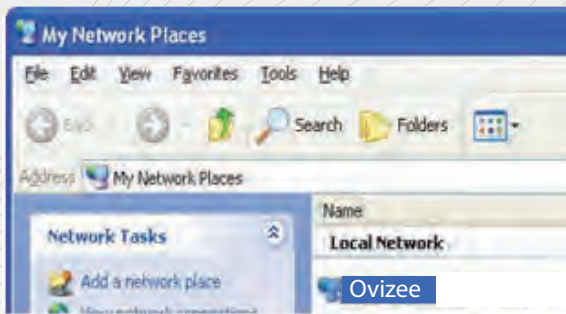personal Skype account to accept invitation

2. Software Setup Procedure
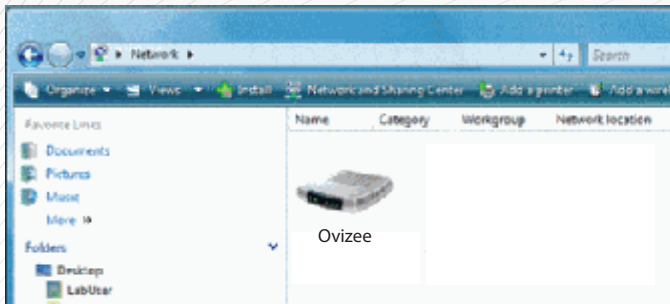
2.3   OVIZEE WVS1000.

**2.3.1 In network connection, find the Upnp device named "Ovizee".
(if you cannot find the device, that means your Upnp service
is not running on Windows, please go to Appendix A.
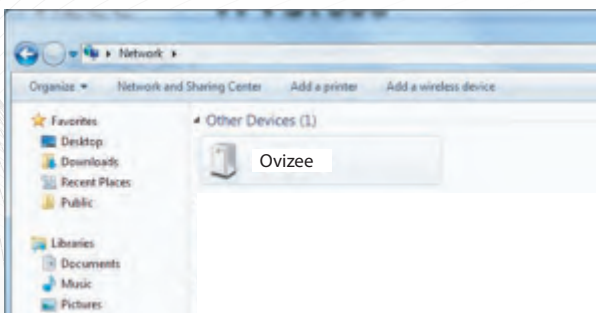Check if Upnp is running before proceeding)**

In Windows XP

In Windows Vista

In Windows 7

Double-click the "WVS1000" icon to pop up an internal webpage.

2. Software Setup Procedure

2.3   OVIZEE WVS1000 (web configuration)

2.3.2 During the initial setup, select an appropriate time zone and click Next.

2.3.3 If you have an existing Skype account for WVS1000, (following the steps in section 2.2.1), enter the corresponding information here, then click Next.

If you do not have any existing Skype account, click on the 'Don't have a Skype Name?' link to create a new one.

2. Software Setup Procedure

2.3 OVIZEE WVS1000

2.3.4 Fill in all the information to create a new Skype account for WVS1000.

2.3.5 When a valid Skype account was assigned to WVS1000, you may now check and adjust its online status.

3. General Operations

3.1 Connect to WVS1000

a. Start Skype in your PC/notebook;

b. If your WVS1000 is powered up and connected to the Internet properly,
you should be able to your WVS1000 online with its assigned skype name;
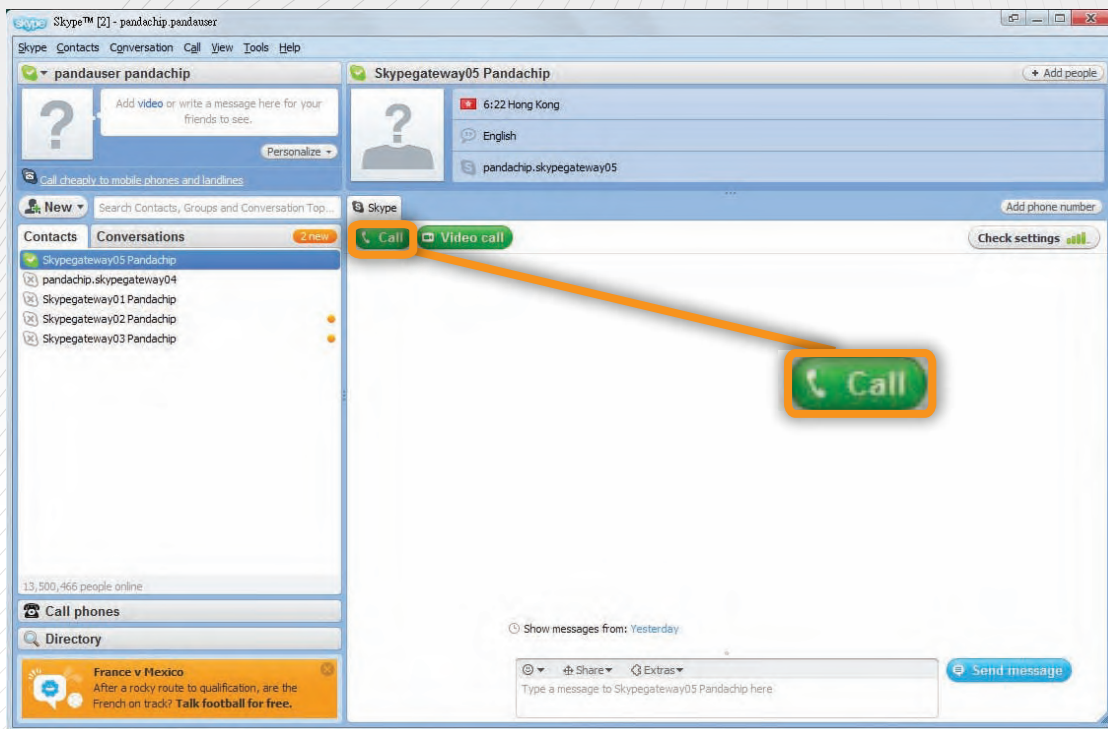
c. As making a normal skype voice/video call, click your WVS1000
on the left to select it and click the Call button or the Video Call button
to make a skype call to WVS1000 as below;

d. Your WVS1000 should automatically answer your skype call and
a life video will then stream to your Skype client from the Camera 1,
which is the default camera to be selected automatically in each skype call-in);

e. You will get a welcome message "Welcome to Ovizee Live!"
from your WVS1000;

f. Also, you will get another message "Cam1 is selected!!!" from your WVS1000
to inform you that the Camera 1 is selected;

h. PandaVideo tries to interface to Skype and the following screen will show below:
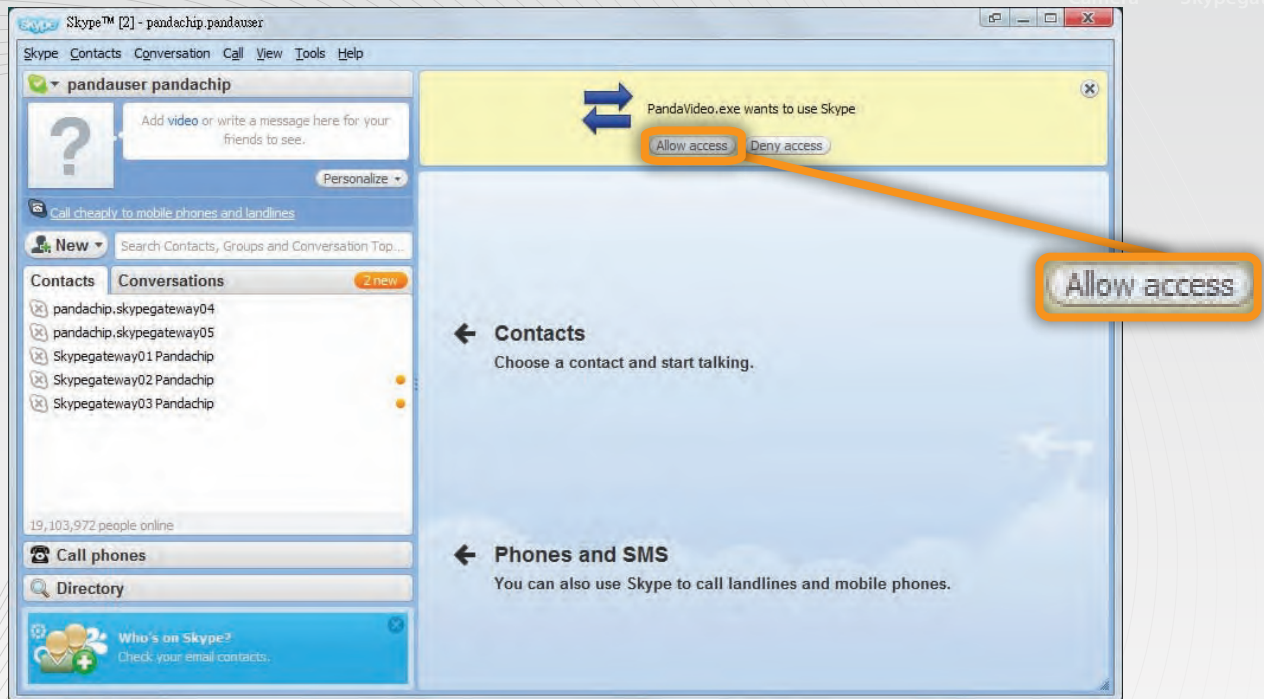
Click "Allow access" to grant the access right to PandaVideo and it then minimizes in the system tray as below:
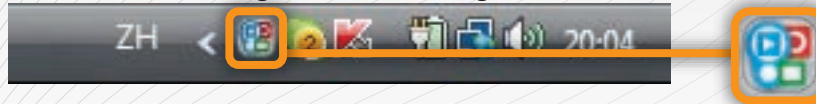
i. Whenever your PC/notebook is powered up, PandaVideo will automatically start;

j. Double-click the PandaVideo icon to maximize it as shown below:

Right now, you are ready to use WVS1000.

3. General Operations

3.1.1 Status of button when a Skype Call is made to WVS1000

Camera   Skypegateway

Cam 1 is active (current live video is streaming from camera1)

Cams 2, 3, & 4 are inactive

Online status: GREEN is online; otherwise, it is offline

Dial out a skype call to the user's WVS1000 through Skype App.

3. General Operations

3.2 How to Add/Delete WVS1000 Accounts

List out the user's existing skype contacts and their online statues

Click the button in the RED circle.

The checkboxes are for selecting/unselecting the user's WVS1000 accounts in his/her contact list. (It supports at most 4 WVS1000 accounts.)

For those WVS1000 that are not selected in the list, the button in the application will be disabled automatically.

Camera   Skypegateway

3. General Operations

3.3 How to select a camera's video source

Cam1,2,3 are online here. Cam2 or Cam3 can be selected to be active for receiving its stream live video.   The user's WVS1000 will automatically switch to stream live video from Cam 2 or Cam3 if its button is pressed.

Click the button in the RED circle.

3. General Operations

3.4 How to pair a camera

Click the button in the RED circle to enable Pairing Mode.

Turn off the camera and turn on again. After 3 seconds, Click the button in the RED circle to select Cam4 for pairing. Cam4's green dot will flashing during pairing.

After pairing is done, Cam4 will be selected as active. This indicate pairing is successful.

3. General Operations

3.5 How to access the mute function

Click the button in the RED circle
to toggle the mute state ON/OFF.

Appendix A.

If Ovizee WVS1000 is connected to the internet, Ovizee device icon will show up in the My Network Place. If this icon is not existed, please enable the Upnp service in the following:

Enable UPnP service in windows XP.

• Click Start, click Run, type appwiz.cpl, and then click OK.
• Click Add/Remove Windows Components.
• In the Components window, click Networking Services, and then click Details.
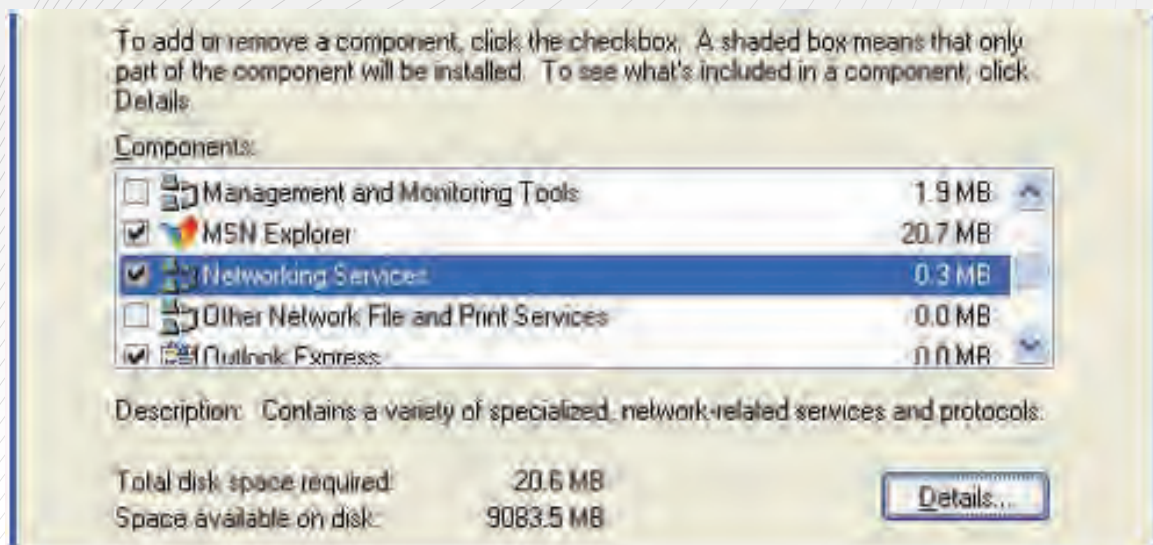
Make sure Internet Gateway Device and UPnP User Interface are selected
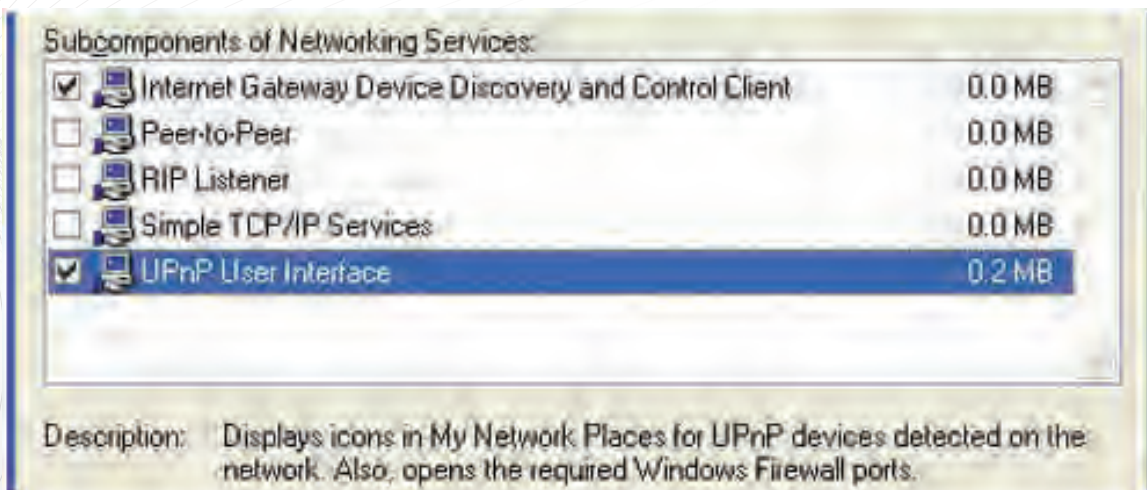
- **Follow the instructions that appear on the screen to complete the installation. Or, if you did not make any changes, close the Add or Remove Programs windows and Control Panel.**
- **Start the Services MMC snap-in. To do this, click Start, click Run, type services.msc, and then click OK.**
- **Locate SSDP Discovery Service in the list of services.**
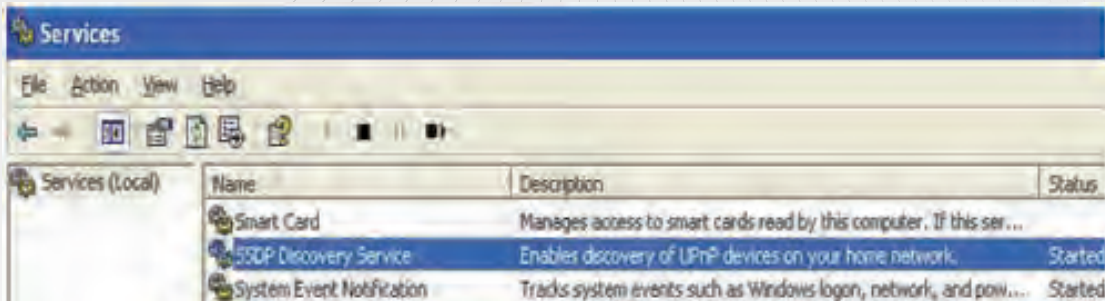
- **If the status is not Started, double-click SSDP Discovery Service to open the SSDP Discovery Service Properties dialog box.**
- **In the Startup type box, click Automatic, and then click Start under Service status. Then, close the SSDP Discovery Services Properties dialog box.**

2. Enable UPnP service in Windows Vista.

- **Click on Start button, then select Control Panel.**
- **Click on Network and Internet link, and then click on Network and Sharing Center.**
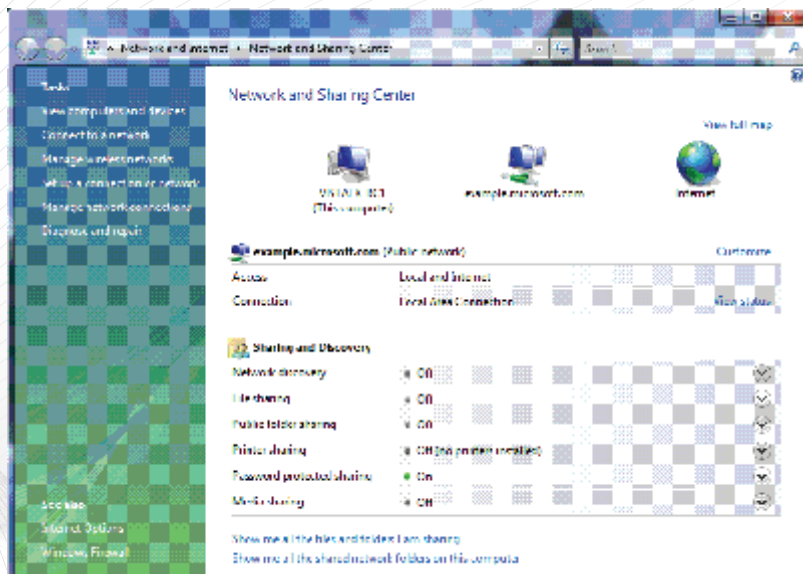
- **You will see that network discovery is off. Click on the corresponding arrow button to expand the section.**
- **Click "Turn on network discovery", and then click Apply. Administrator permission required. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.**

Basic Setup
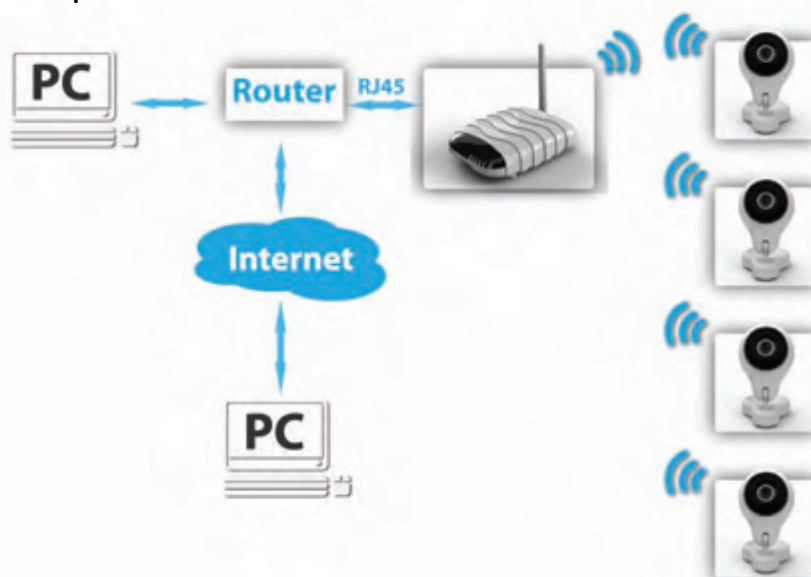
I. Hardware Specification

This section provides information of the specification for the product:

WVS1000

1. RJ45 10/100 Mbps Ethernet port for internet connection
    a) Support DHCP client and statics IP
2. Power On and Reset buttons
3. 6 LED indicator
    a) 1 for Skype status
    b) 1 for Power status
    c) 4 for Camera status
4. Internal 64MB flash memory and 128MB RAM memory
5. Internal ISM band 2.4GHz transceiver
6. SMA connector for changeable external 2.4Ghz antenna
7. Power Adapter: DC5V, 1000mA (Model: Helms-Man, SCB0501000P or Helms-Man, SHB0501000PE)

SC880

1. internal ISM band 2.4GHz transceiver
2. internal 2.4Ghz antenna
3. 640 x 480 resolution image up to 15fps
4. Built-in mic
5. 9 x IR LED unit
6. Power Adapter: DC5V, 1000mA
    Model: Helms-Man, SCB0501000P or
             Helms-Man, SHB0501000P
7. Battery: Li-Polymer rechargeable battery
    (Model:TFL703048)

WARNING
    Do not use non-rechargeable batteries for the Parent Unit.
    Risk of explosion if battery is replaced by an incorrect type.
    Dispose of used batteries according to the instructions.

II.   Software Features Summary

Item	Description
Skype Clients	Skype 5.1 for Windows or later, Skype 5.0 Beta for Mac OS X or later
Cameras	Support up to 4 Wireless Cameras
Video Resolutions	VGA (640x480), QVGA (320x480), QQVGA (160x240)
Video Codec	H.264 Baseline Profile
Vi deo Bitrate	Dynamically Change According to the Network Bandwidth (up to ~800 kbps)
Video Framerate	Dynamically Change According to the RF Link Bandwidth (up to ~15 fps)
Video Skype Call	One-Way Video Call (without audio)
Audio Skype Call	Not Support
Configuration	Web Based Configuration via Local Network Direct Device Access
Device Discovery	UPnP (for Web Based Configuration)
Firmware Upgrade	Via Web Based Configuration
IP Assignment	DHCP

A. Popup Application Features Summary

Item	Description
Skype Client	Skype 5.1 or later for Windows
Gateway	Support up to 4 Gateways
Functions	Camera Selection Camera Pairing Video Playback/Record (To be provided)

B. Web-Based Configuration Features Summary

Item	Description
Browser	Internet Explorer 8.0 or later Firefox 3.6 or later
Functions	Skype Account Sign-in/Sign-out Skype Account Status Change (Online, Invisible) Camera Pairing Welcome Message Customization Camera Name Customization TimeZone Setup Firmware Upgrade Factory Defaults Status Summary

Disposal of the device (Environment)

At the end of the product lifecycle, you should not dispose of this product with normal household waste, but take the product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.
Some of the product materials can be re-used if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.
Please contact your local authorities in case you need more information on the collection points in your area.
Dispose of the battery pack in an environmentally-friendly manner

FCC and IC regulations
FCC Part 15

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by

the interference by one or more of the following measures:
    Reorient or relocate the receiving antenna.
    Increase the separation between the equipment and receiver.

to which the receiver is connected.
    Consult the dealer or an experienced radio/TV technician for help.

the party responsible for compliance 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. Privacy of communications may not be ensured when using this device.
To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The Baby unit shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.
This Class B digital apparatus complies with Canadian ICES-003.
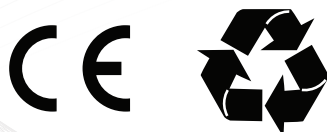
Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authorthority to operate the equipment.

WARNING

by the party responsible for compliance could void the user's authority to operate the equipment.
Industry Canada
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

RENSEIGNEMENTS RELATIFS AUX RÈGLEMENTS DE LA COMMISSION FÉDÉRALE DES COMMUNICATIONS 'FCC', ET D'INDUSTRIE Canada 'IC'
Article 15 des règlements du FCC

AVIS: Cet équipement a été testé et s'est révélé conforme aux limites d'un appareil numérique de classe B, conformément à la Section 15 du réglement de la Federal Communications Commission (FCC). Ces limites

interférence nuisible sur une installation résidentielle. Cet appareil génère, utilise et peut émettre des fréquences radio et s'il n'est pas installé selon les instructions, peut nuire aux radiocommunications. Toutefois, rien ne garantit que des parasites ne surviendront pas dans une installation particulière. Si cet appareil cause des interférences nuisibles à la réception du téléviseur ou de la radio, ce que vous pouvez déterminer en mettant votre appareil en et hors fonction, nous vous invitons à essayer l'une des mesures correctives suivantes :
- Réorientez l'antenne de réception.
- Éloignez l'appareil du composant qui reçoit les ondes.

du composant qui reçoit les ondes.
- Au besoin, consultez votre marchand électronique ou un technicien spécialisé dans le service des radios/téléviseurs pour des suggestions supplémentaires.

Toute modification ou changement effectué à cet appareil sans l'accord des parties responsables de l'homologation peut retirer à l'utilisateur son droit d'utiliser l'appareil.
Cet appareil est conforme à l'article 15 de la FCC. Le fonctionnement est soumis aux deux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles et; (2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement. La confidentialité des communications peut ne pas être assurée avec cet appareil.
Afin de garantir la sécurité des utilisateurs, la FCC a établi les critères relatifs à l'énergie générée par les fréquences radio pouvant être absorbée en toute sécurité par un utilisateur ou par quelqu'un se trouvant à proximité, dépendamment de l'utilisation prévue du produit. Ce produit a été testé et s'avère conforme aux normes de la FCC. L'unité du bébé devra être installée et utilisée de manière à ce que le corps de l'utilisateur, à l'exception des mains, soit toujours à une distance d'environ 20 cm (8 po.) ou plus.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

AVERTISSEMENT

Tout changement ou modification à cet équipement, non expressement autorisé par la partie responsable de la conformité, pourrait annuler l'autorisation donnée à l'utilisateur d'utiliser cet équipement.
Industrie Canada
Le fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences nuisibles et; (2) Cet appareil accepte toute les interférences dont celles qui pourraient provoquer le fonctionnement involontaire de l'appareil.
L'abréviation 'IC' se trouvant avant cette homologation signifie que la certification fut effectuée selon une déclaration de conformité spécifiant que les normes d'Industrie Canada ont été rencontrées.
Cet appareil est conforme aux spécifications techniques d'Industrie Canada.

ovizee

Wireless Video Series

Add-on Camera

version 1.1

WVS1000

Remote Video Monitoring Made Easy