

# User Mannual

# I IPC Installation Instruction

Device connection sketch map:



以下为三种连接方式的整体图:

## 1. 连接到路由器



## 2. 直接连接到调制解调器



## 3. 直接连接电脑



## II User manual

### 1. Search the device

Start the IPCAM Search Engine (make sure the device and the computer are in the same LAN)

Please note the following before got the IP:

- make sure the device have powered-on and connected to the internet
- make sure the LAN or PC support DHCP( dynamic IP distribute), because the IPC was set get the dynamic IP, if the LAN or PC do not have this function, then it can not find the IPC.

### 1.1 Search Engine

**设备**: all the devices in the LAN, choose and open the device by double click

**基本信息**: information of the current device, here you could adjust the parameters of the device according to the use, type in the user ID and pass word and click

**设置** after modification.

**工厂参数**: here you could set the domain of the factory

**其他**: here you could update the version for the IPC

**搜索 (生产工具)**

设备: HDIPCAM(192.168.0.130)[81]

基本信息 | 工厂参数 | 其他

MAC地址: 00 af 1c 22 54 99

无线MAC: 00 af 1c 22 54 9a

设备ID: OBJ-003367-KWRHY

服务器:

端口: 808

用户名:

密码:

心跳: 180

厂家DNS序号: 0

dns模式:

设置

一键修改不匹配IP

刷新

用户名: admin 密码: 清除Arp

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**搜索 (生产工具)**

设备: HDIPCAM(192.168.0.130)[81]

基本信息 | 工厂参数 | 其他

升级系统固件

浏览 升级系统固件

升级应用固件

浏览 升级应用固件

拷贝马达

一键修改不匹配IP

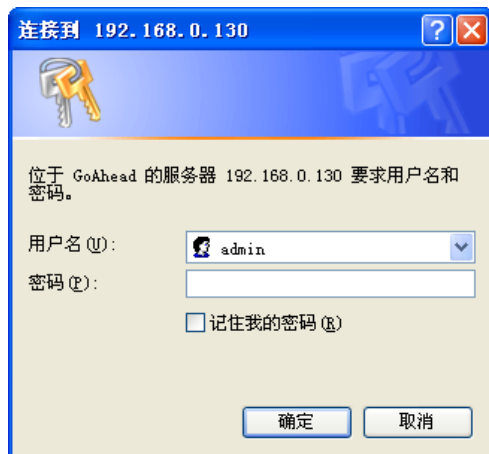
刷新

用户名: admin 密码: 清除Arp

## 2. Log in the device

2.1 after you type in the IP address of the device in the browser's address bar(example: <http://192.168.1.130:81>), click "ENTER" or use the search engine, double click the IP address which founded by the engine, the IE will automatically start, the login form for administer would popup.

2.2 type in the user ID (default as "admin") and the pass word(default as blank), click the button "confirm" to watch the video(support max 4 user to watch simultaneously).

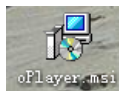


2.3 choose the language and log in mode:

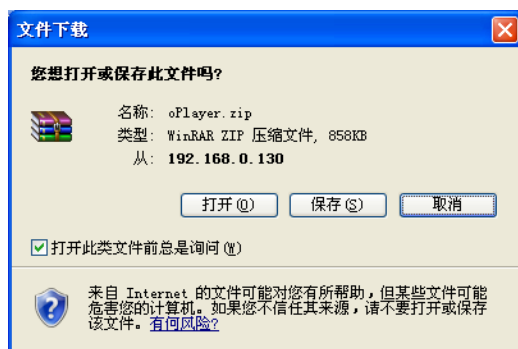


2.4 download the plug-in

Click the **插件下载**, the follow picture will show up, save and download the plug-in,



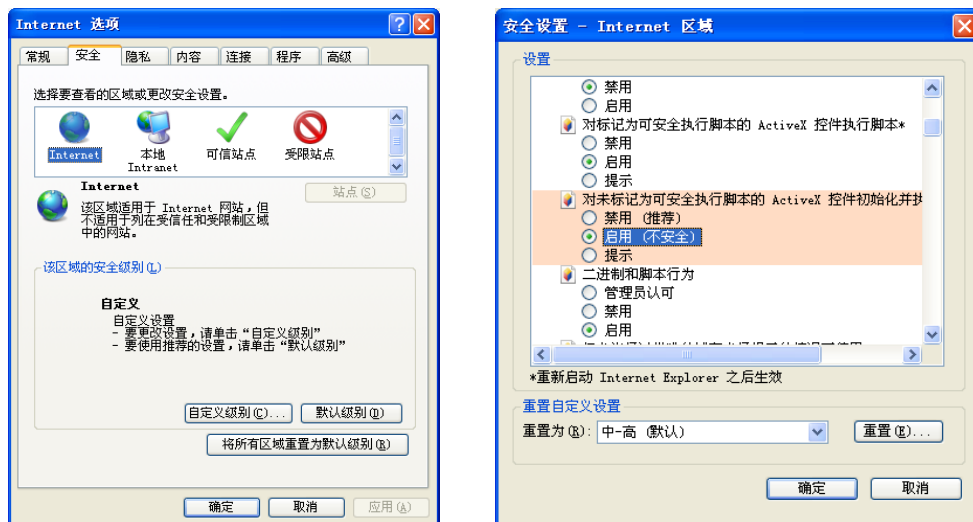
then double click the **oPlayer.msi** to install step by step.



## 2.5 Real time watch by using the IE



NOTES: for the very first time, it might shows nothing(the Activex did not approved ). You need to do some settings: Tools of the IE\Internet\Safety\Custom level, put the unproved Activex under the “start/present” status. See below picture:



### 3. User Interface for IE user instruction

#### 3.1 Main interface user instruction



: PTZ direction control (only LW-S101)



: show OSD information



: up-down cruise (only LW-S101)



: left-right cruise (only LW-S101)



: image flip vertical



: mirror image



: IO switch

模式

: adjust the model for inside/outside, 50HZ/60HZ available to choose, usually choose 50HZ for inside in China.

分辨率

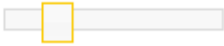
: adjust the resolution, could be set 720P(1280\*720), VGA(640\*480), QVGA(320\*240).

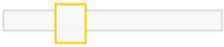
帧率


: adjust the frame rate, could set 1-30 frame/sec, the bigger the number, the fluency the image would be.

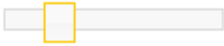
PTZ 速度

: adjust the speed of the PTZ

码率 2048  : the code rate, the smaller the number, the obscurer the image will be, and the smaller the video will be.

亮度 79  : set the sensitometry of the camera

饱和度 80  : adjust the color saturation of the image of the camera

色度 64  : adjust the chromaticity of the color of the camera

恢复视频缺省值 : recover the original default value

预置位 调用 设置 : there are 16 preset positions for set (donot support the card version)



: start the listen, you could watch and hear the voice near the camera



: start the microphone function



: click to record the local video



: take photos for the current image




: click to enter interface for set the perimeters of the device



: one image, four image, nine image switch

### 3.2 Basic information of the device

Click the button  to enter the interface for parameters of the device, see bellow picture:





### 3.2.1 information of the device

Click the button **设备信息** you will see the bellow picture:



设备系统固件版本: the version number of the system software

设备应用固件版本: the version number of the app software

名称: the name of the device(customer could set your own)

设备序列号: the serial number of the device from the factory

报警状态: alarm status

UPNP 状态: check the device whether start the UPNP function and status

DDNS 状态: the status of the DDNS of the device, if settled and working well, will show information of the DDNS server.

MAC: display the MAC address of the device

WIFI MAC: display the wireless MAC address of the device

### 3.2.2 set the name of the device

Click the **设备名称设置**, you will see as below:



设备名称设置	
名称	MJIPCAM
<div>设置 刷新</div>	

名称: set a name for the device, click the button “set” to save it after set.

### 3.2.3 set the time of the device

Click the button **设备时钟设置**, you will see as below:



设备时钟设置	
设备时钟时间	Fri, 31 Aug 2012 14:55:10 UTC
设备时区设定	(GMT +08:00) 北京, 新加坡, 台北
使用 NTP 服务器自动校时	<input checked="" type="checkbox"/>
Ntp 服务器	time.nist.gov
<div>使用 PC 时间校准设备时钟</div>	
<div>设置 刷新</div>	

To get the time from the PC or server, if not connect to the internet, then get time from PC only. Click the **设置** to save the set and adjust the time of the device.

### 3.2.4 Video Route

Click **录像路径**, you will see as below:

本地录像路径	
本地录像路径	E:\ <span>选择...</span>
录像打包文件大小(MB)	300 <small>最小100MB 最大1000MB</small>
录像打包时间长度(分钟)	120 <small>最小5分钟 最大120分钟</small>
保留磁盘空间(MB)	3000 <small>最小200MB</small>
是否覆盖录像	<input checked="" type="checkbox"/>

设置 刷新

本地录像文件列表: click 选择... to choose the route to save the local video

### 3.3 Alarm setting

#### 3.3.1 Alarm setting

Click 报警服务设置, you will see as below:

报警服务设置	
移动侦测布防	<input type="checkbox"/>
报警输入布防	<input type="checkbox"/>
报警触发事件	
报警布防时间	

设置 刷新

Choose the mode for alarm. Example: choose the motion detection set, you will see as follow:

报警服务设置	
移动侦测布防	<input checked="" type="checkbox"/>
移动侦测灵敏度	10 <small>数值越小越灵敏</small>
报警输入布防	<input type="checkbox"/>
报警触发事件	
报警时预置位联动	1
报警后 IO 联动	<input type="checkbox"/>
报警后邮件通知	<input type="checkbox"/>
报警后上传图片	<input type="checkbox"/>
报警布防时间	
日程安排	<input type="checkbox"/>

设置 刷新

Choose the way for alarm, whether it's IO linkage, send email, upload image, or linkage presetting position alarm. Example: motion detection all day monitor, set the

sensitivity at 10, when it alarms, the linkage IO send high level, send email, FTP picture upload (upload picture in every 10 seconds), the camera point at presetting position 1 when it alarms. Set like below:

Click 设置 to confirm.

### 3.3.2 Email service setting

Click 邮件服务设置, you will see as below:

This function is to alarm by send emails. If the camera alarms, it will automatically send emails to the email address preset.

发送者: write the email address for send out email

接收者: write the email address for receive the alarm email (the sender and receiver could be the same)

SMTP 服务器: write the sender email address web, like QQ email box: smtp.qq.com;

SMTP 用户: write the sender email ID

SMTP 密码: write the sender email pass word

This function would only be used when the camera connect to the internet. If the pass word of the sender's email changed, need to keep the email ID and pass word accordingly to the camera setting to use this function.

### 3.3.3 FTP service setting

Click **Ftp 服务设置**, you will see as below:

Ftp 服务设置	
FTP 服务器	192.168.1.232
FTP 端口	21
FTP 用户	yanfa
FTP 密码	*****
上传图片时间间隔(秒)	0 空或者0表示不定时上传图片
<input type="button" value="测试"/> 请先设置参数 然后再测试	
<input type="button" value="设置"/> <input type="button" value="刷新"/>	

This function is for upload the image you take to the appointed catalogue of the FTP server, the camera need connect to internet to use the function.

FTP 服务器: write the web address for uploading the image

FTP 端口: default as 21

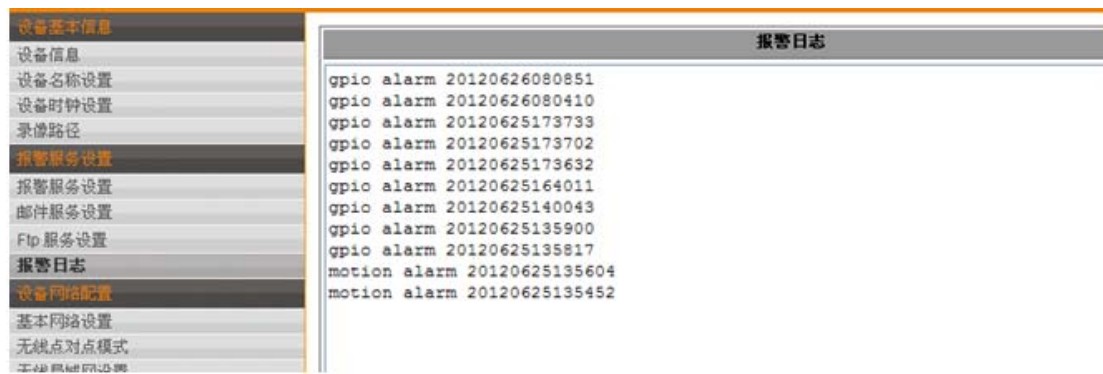
FTP 用户: write the FTP user ID

FTP 密码: write the FTP user pass word

上传时间间隔: set the time for photograph the image and upload to FTP automatically, per second.

### 3.3.4 Alarm log

Click **报警日志** to check the alarm log



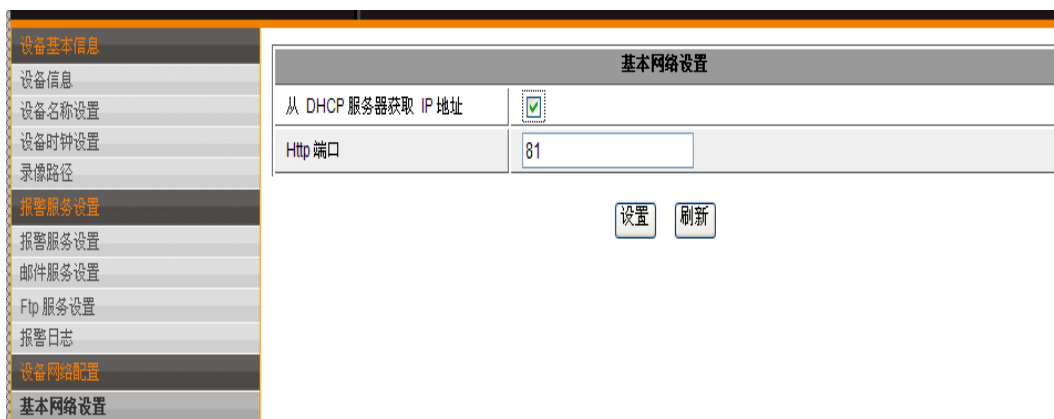
### 3.4 Device network configuration

#### 3.4.1 Basic network configuration

Click **基本网络设置**, you will see as below,



Set the sub network mask, gateway, DNS server before use. When like below choose DHCP, device will get the IP address automatically.



#### 3.4.2 WIFI Mode

Click **无线局域网设置**, you will see as below:

**设备基本信息**

设备信息

设备名称设置

设备时钟设置

本地录像路径

SD卡录像计划

**报警服务设置**

报警服务设置

邮件服务设置

FTP 服务设置

报警日志

**设备网络配置**

基本网络设置

**无线局域网设置**

动态域名设置

**PTZ配置**

PTZ 设置

**用户及设备管理**

多路设备设置

设备用户设置

维护

返回

无线局域网设置				
	ID	SSID	MAC	
无线网络列表	1	ChinaNet-LRrN	4C:09:B4:34:FD:5F	
	2	TP-Longwin	1C:FA:68:C9:5E:0C	
	3	JDH803	6C:E8:73:34:34:BA	
	4	ChinaNet-T5KD	E0:30:05:28:E4:BF	
	5	CMCC-AUTO	00:23:89:24:07:62	
	6	JDHSJ804	6C:E8:73:34:45:04	
	7	DFLY	C8:3A:35:29:36:18	
	8	CMCC	00:23:89:24:06:B0	
	9	Idiway	00:0F:B5:96:BD:92	

搜索

使用无线局域网 ☒

SSID

网络类型

验证模式

共享密钥

设置 刷新

Click “搜索” you could search for the available wireless networks, choose your route, type in the pass work, click “设置”. the camera would restart automatically, then you could remove the network cable.

### 3.4.3 DDNS setting

Click **动态域名设置**, you will see as below, customer could choose DDNS server as your requirements. See below pattern:

**设备基本信息**

设备信息

设备名称设置

设备时钟设置

录像路径

**报警服务设置**

报警服务设置

邮件服务设置

FTP 服务设置

报警日志

**设备网络配置**

基本网络设置

无线点对点模式

无线局域网设置

**动态域名设置**

**PTZ配置**

PTZ 设置

**用户及设备管理**

多路设备设置

设备用户设置

维护

返回

动态域名设置	
DDNS 服务	3322.org(dyndns) ▼
DDNS 用户	wxp3516
DDNS 密码	*****
DDNS 域名	wxp3516.3322.org
DDNS 状态	3322 成功 http://wxp3516.3322.org:81

如本设置位于中国大陆或香港地区，应设置代理服务器

设置 刷新



动态域名设置	
DDNS 服务	9299.org
DDNS 用户	wang_xiaoping
DDNS 密码	*****
DDNS 域名	9299.org
Update URL	www.9299.org/upgengxin.asp example: www.9299.org/upgengxin.asp
URL port	80 (default: 80)
模式	1
DDNS 状态	9299成功
如本设置位于中国大陆或香港地区，应设置代理服务器	
<input type="button" value="设置"/> <input type="button" value="刷新"/>	

DDNS 服务: write the web address for the domain application

DDNS 用户: write the domain you would like to apply

DDNS 密码: write the pass word for the domain

DDNS 状态: show the status of the domain

You need to set this function to allow the visit from internet.

Choose and click  to save it, click  after 10 seconds to see the DDNS update status.

Notes: To apply free DNS user instruction please refer to the instruction on the web or contact the customer service department of the supplier. To start the DDNS, you need to set the port mapping in Router: to mapping the HTTP port number out through the router, detailed operations please regard to profiles for port mapping.

### 3.5 PTZ configuration

Click , you will see as below:



设备基本信息

设备信息

设备名称设置

设备时钟设置

本地录像路径

SD卡录像计划

报警服务设置

报警服务设置

邮件服务设置

FTP 服务设置

报警日志

设备网络配置

基本网络设置

无线局域网设置

动态域名设置

PTZ配置

PTZ 设置

用户及设备管理

多路设备设置

设备用户设置

维护

返回

PTZ 设置

指示灯	关闭
禁止预置位	<input type="checkbox"/>
启动时对准预置位	禁止
PTZ 速度	中速
巡航圈数	无限制

设置

刷新

**禁止预置位：** the function for presetting disabler when start the device

**启动时对准预置位：** there are 16 presetting position for you to choose, start the device and point to the position you want to set, if you forbid it, the device will default to make it middle when start it.

**PTZ 速度：** adjust the PTZ speed

**巡航圈数：** set the number of turns for cruising up and down or right and left.

## 3.6 User and device management

### 3.6.1 Multichannel device setting

Click **多路设备设置**, you will see as below, you could set at most 9 images

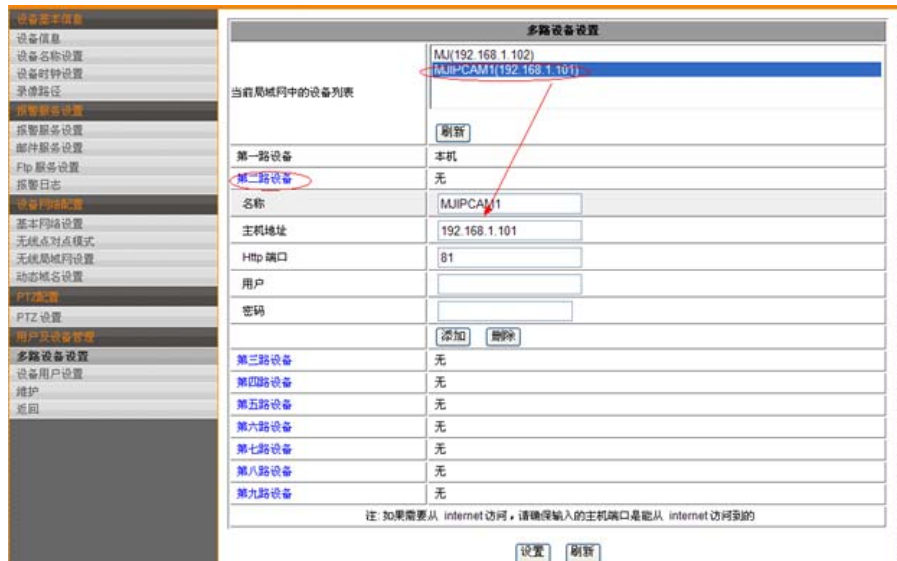
Example: add the second device:

Click **第二路设备** and choose

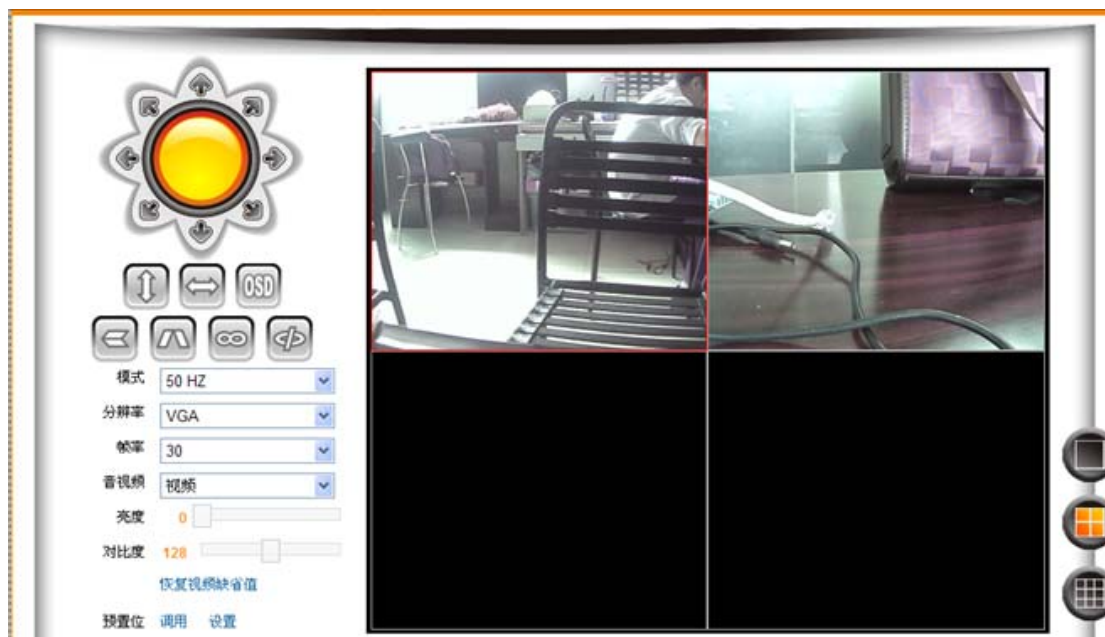
多路设备设置

当前局域网中的设备列表

MJ(192.168.1.102)
MJPCAM1(192.168.1.101)



Type in the user ID and pass word then click **添加**, then click **设置** to save it. Then you could watch the image from the second device.



### 3.6.2 device user setting

Click **设备用户设置**, you will see as below:

设备用户设置		
	用户	密码
参观者	admin1	•
操作者	admin2	•
管理员	admin	

The device could set at most three user: administer, visitor and operator

Administer: have the authority to set, could do every operation

Operator: have every authority except set the device parameters

Visitor: could only watch and switch the image

### 3.6.3 Maintenance

Click **维护** to get in the maintenance interface like below:

设备固件升级	
恢复出厂设置	<input type="button" value="恢复出厂设置"/>
重启设备	<input type="button" value="重启设备"/>
升级设备系统固件	<input type="text"/> <input type="button" value="浏览..."/> <input type="button" value="升级"/>
升级设备应用固件	<input type="text"/> <input type="button" value="浏览..."/> <input type="button" value="升级"/>

Click **恢复出厂设置**, the device would restart and renew to the defaulted setting from factory

Click **重启设备**, the device would restart, will not change the parameters of the device.

Update the device system:

升级设备系统固件	<input type="text"/> <input type="button" value="浏览..."/> <input type="button" value="升级"/>
升级设备应用固件	<input type="text"/> <input type="button" value="浏览..."/> <input type="button" value="升级"/>

← 单击选择系统固件升级文件
 → 单击升级开始


Update the device app system:

升级设备系统固件	<input type="text"/>	浏览...	升级
升级设备应用程序选择应用固件升级文件	<input type="text"/>	浏览...	升级

单击升级开始

Notes: Do not outage when updating, otherwise would cause system crash and the device could not use as normal.

### 3.6.4 Back

Click  button, the device would back to the main monitor interface.

## FCC Statement

This device complies with part 15 of the US FCC Rules and Regulations. 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.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the US 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 these 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 turning the equipment on and off, the user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the affected equipment and the unit;
- Connect the affected equipment to a power outlet on a different circuit from that which the receiver is connected to;
- Consult the dealer and/or experienced radio/TV technician for help.

### FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## **EU Regulatory Conformance**

As certified by the qualified laboratory, the product is in compliance with the essential requirements and other relevant provisions of the Directive 1999/5/EC. Please note that the above information is applicable to EU countries only.

**CE2280**