高清网络摄像机

HD IP Camera

KEDACOM

快速安装指南

Quick Start Guide

一、前言

　　此内容（手册）的目的是确保用户正确使用本产品，以避免危险或财产损失。在使用产品之前，请认真阅读此手册并妥善保存以备日后参考。如果用户因没有按照以下安全说明，致使设备不能正常使用或损坏等情况，我司概不负责。

二、安全使用注意事项

电源要求

- 请在安装使用设备过程中，严格遵守当地各项电气安全规定。
- 请使用满足安全电压要求的电源，在设备运行之前检查供电电源是否正确。
- 请在安装配线时装入易于使用的断电设备，以便必要时进行紧急断电。
- 请保护电源软线免受踩踏或紧压，特别是在插头、电源插座和从装置引出的接点处。
- 请在断电状态下连接电源、告警、音频、RS485等线缆，严禁在设备上电的情况下连线。

使用环境要求

- 请使用产品随机附带的电源适配器，使用不符合要求的电源适配器有可能造成设备受损。
- 请勿将摄像机对准强光（如灯光照明、太阳光等处）聚焦，否则容易引起过亮或漏光现象（这并非摄像机故障）也将影响摄像机寿命。
- 针对具有激光器的设备，设备正常工作时，请勿近距离直视激光窗口。请勿直视或镜面反射观察。
- 请在允许的湿度和温度范围内运送、使用和存储设备。
- 请勿将设备置于潮湿、多尘、极热、极冷、强电磁辐射或照明条件不稳定等场所。
- 请勿让任何液体流入设备，以免内部元件受损。
- 一般情况下，本设备安装在室外，请确保设备连接处采取有效的防水、防潮气、防沙尘措施（特别是设备连接处的螺钉必须拧紧，确保整体密封性）。为防止雷击，请安装避雷器。
- 请勿阻挡设备附近的通风口，以免热量积蓄。
- 请在运送设备时，重新以出厂时的包装进行包装，或用同等品质的材质包装。
- 请勿在运输、存储及安装过程中重压、剧烈震动、浸泡设备。
- 在周转、运输过程中，对摄像机前脸需要特别防护，避免摩擦、划伤、污染等。为了保持前脸清洁，请您在安装过程中不要取下前脸的透明保护膜，确认安装完成后取下该透明保护膜。

工作环境	
工作电源	DC12V，0.5A
温度	-30℃ ~ 60℃
湿度	10%~95%（无凝结）
海拔高度	-60m~3000m
大气压	86kPa~106kPa

日常维护与保养

- 请勿直接触碰设备发热部件，以免烫伤。
- 镜头沾染灰尘或油脂时，用棉布或镜头清洁布擦拭。若遇污垢难以清除，蘸上少量镜片清洁剂，自镜头中心向外旋转轻轻擦拭，直到干净为止。禁止使用有机溶剂（苯、酒精等）对镜头和护罩前脸进行除尘、清洁。
- 请勿以任何方式拆卸或修改产品。对未经认可的修改或维修导致的问题，本公司不承担任何责任。
- 需要替换部件时，请事先与经销商联系，更换指定型号的部件。擅自使用其他部件进行替换，后果将由您自行负责。
- 如果设备不能正常工作，请联系经销商或最近的服务中心。

特别声明

- 本手册中的图示仅供参考，产品请以实物为准。
- 我们尽最大努力来保证本手册信息的正确性，如因升级等原因发生信息修改，恕不另行通知。
- 本手册能作为多个型号产品的使用指导，但不一一列举每个产品的使用情况，请您根据实际产品自行对照。
- 本产品使用光盘内IPCSearch激活后方能使用，激活时请填写有效邮箱，方便找回密码。
- 为了提高产品网络使用的安全性，建议您设置高强度密码：密码长度必须达到8-16个字符，且至少由数字、字母或特殊字符中的两种或两种以上类型组合而成。请您定期更改用户名的密码，建议每3个月更新一次密码。如果设备在较高安全风险的环境中使用，建议每月或每周更新一次。请妥善保管好您的用户名与密码。

- 将本产品接入互联网需自担风险，包括但不限于产品可能遭受的网络攻击、黑客攻击、病毒感染等，本公司不对因此造成的产品工作异常、信息泄露等问题承担责任，本公司将及时为您提供产品相关技术支持。
- 如需获取最新文档，请至官网下载，官网地址www.kedacom.com。

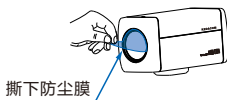 【说明】更多信息见附带光盘中的《高清网络摄像机用户手册》。

三、安装设备

1.安装准备

撕下防尘膜，安装摄像机。

撕下防尘膜

图 1 撕下防尘膜

2.支架安装说明

将摄像机安装在吊装支架上时，支架转接器可从设备底部拆卸下来并安装在设备上方，如下图。
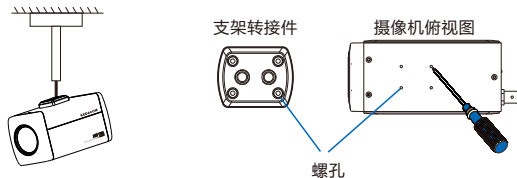

支架转接件　　摄像机俯视图

螺孔

图 2 安装摄像机

3.外罩安装说明

  当摄像机位于室外时，需要装配在防水外罩中，说明如下：

1. 旋开卡扣如图，打开护罩上盖。

图 3 旋开卡扣

2. 使用螺丝刀拧松固定板螺钉，将固定板向后拉，对准孔位取下固定板。

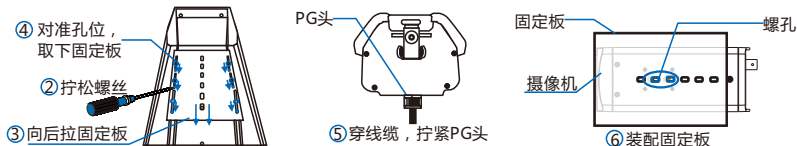 【说明】固定板螺钉拧松即可，无需拧下。

3. 穿好线缆并拧紧 PG 头。

4. 将固定板装配在摄像机底部。

图 4 固定底板

5. 将摄像机连同固定板安装在护罩中。

  【注意】固定前将摄像机镜头贴紧护罩前玻璃，不要留明显间隙（只需能调焦），以免出现漏光、光晕现象。
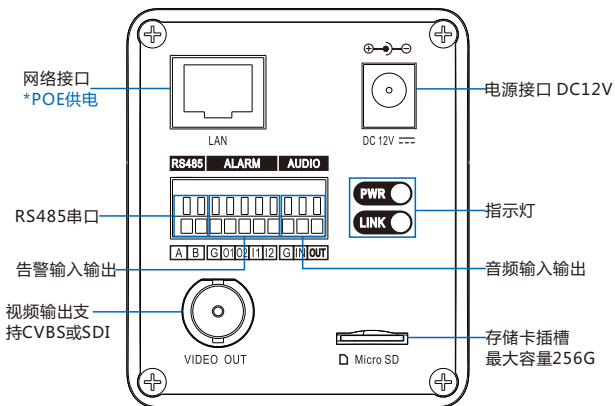
6. 用线缆连接 IPC 的各接口和外罩中的接口板，合上外罩上盖并锁紧。

4.线缆连接说明

网络接口
*POE供电

电源接口 DC12V

LAN

DC 12V ---

RS485 ALARM AUDIO

RS485串口

PWR

LINK

指示灯

A B G O1 O2 I1 I2 G IN OUT

告警输入输出

音频输入输出

视频输出支持CVBS或SDI

VIDEO OUT

Micro SD

存储卡插槽
最大容量256G

图 5 线缆连接

【说明】IPC820-F120-N型号不支持POE供电

【说明】PWR灯：电源指示灯，绿色，正常上电后常亮，断电后灯灭。
LINK 灯：网络状态灯，绿色，正常上电且网络物理连通后灯闪烁，闪烁时间间隔为1 秒；
断电或网络物理中断时灯灭。

四、登录客户端

最低配置和系统环境

- 处理器：3.3GHz酷睿®i3系列及以上或相同性能的其他处理器
- RAM内存：4GB及以上
- 操作系统：WindowsXP操作系统或更高版本
- 浏览器：IE7.0及以上版本，Firefox，Google Chrome(41及以下版本)
- DirectX：9.0c

激活设备

第一次使用时请运行光盘中附带的IPCSearch，在IPCSearch中将显示设备的IP地址、网关等信息。若设备所接入的网络有DHCP服务，DHCP服务器将自动给设备分配IP地址。

- 批量激活：在IPCSearch中选中设备，点击**批量处理**，在弹出的界面中设置admin用户的密码和找回密码时所需的邮箱，点击**激活**，激活设备。待设备重启。

- 单个激活：在IPCSearch中选择设备，单击右键，选择设备激活。填写用户名、密码、找回密码时所需的邮箱。点击**激活**，激活设备。待设备重启。

- Web客户端激活：也可以通过Web端激活。将PC机与设备设为同一网段，进入Web端登录界面。可在该界面设置管理员密码和找回密码所需的邮箱，点击**激活**，激活设备。

图 6 激活

修改设备IP

点击**网络参数修改**，在弹出的界面中配置网络参数。静态分配IP地址时，请选择自定义地址，填写以太网参数。修改参数配置，需要填写管理员用户用户名（admin）及激活设备时所设置的密码。完成IP配置后，设备将自动重启，重启时间约为60秒。

登录设备

1) 在IPCSearch中双击设备或点击设备登录，输入用户名和密码，登录Web端。

2) 登录成功后，下载并安装视频插件。

3) 进入Web端后，可直接浏览图像。

【说明】不同型号的设备，Web端浏览界面略有差异，请以实际界面为准。更多客户端说明请参考客户端帮助文档。

调整设备方向，在Web端进行参数调整，直到浏览画面达到预定要求。
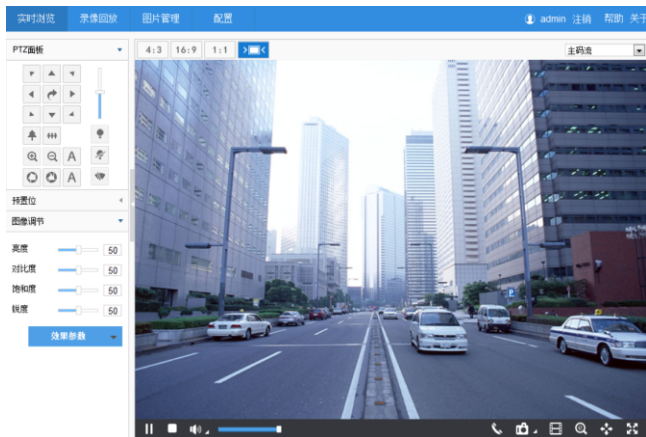

图 7 实时浏览

【说明】更多客户端说明请参见客户端帮助文档。

保修说明

本保修卡适用于您购买的本公司系列产品。

1.免费保修期一年（仅限中国大陆地区，中国大陆以外地区请参考英文说明）。

2.凡保修期内，由于本产品自身引起的故障，请与公司售后服务部联系。

3.保修时我们将使用您的保修卡信息，请认真填写。

4.以下情况，属于有偿保修范围：

   -人为原因造成的设备故障

   -因使用环境不符合本产品要求造成的故障

   -因不可抗力造成的产品损坏

   -无保修卡

   -已过免费保修期

用户信息

用户名称：

详细地址：

传真：   电话：

邮箱：   邮编：

产品名称：

产品型号：

购买日期：

I. Preface

Thank you for purchasing our product. If there is any question, please do not hesitate to contact us.

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss. Please read this Guide carefully before using the product, and keep it properly for future reference. If the product cannot work normally or is damaged because the user does not follow the safety instructions, we shall not assume any responsibility. Thanks for your cooperation.

II. Safety Instruction

Power Supply

- During installing and using the device, please follow local electrical safety regulations strictly.

- Please use power supply in the safe voltage range of our product. Make sure if the power supply is correct before running the device.

- Please install an easy-to-use breaker during installation and wiring in case it is necessary to make an emergency break.

- Please prevent the power cord from being trampled or pressed especially the plug, socket and the connecting part led out from the device.

- Please connect cables of power, alarm, audio and RS-485 with the power off. Hot-line wiring is not allowed.

Working Environment

- Please use the attached power adaptor. Using unqualified power adaptor may cause damage to the device.

- Do not focus the camera lens on strong light such as the sun or incandescent lamp; otherwise the strong light will cause overexposure or light leak (not camera malfunction), which may shorten camera lifetime.

- Please transport, use and store the device within defined humidity and temperature ranges.

- Do not expose it in damp, dusty, extremely hot or cold places or places with intense electromagnetic radiation or with unstable lighting.

- Keep the camera away from water or any liquid to avoid damage to internal components.

- To avoid heat accumulation, please do not block the ventilation around the device.

- While shipping the camera, pack it in the factory packing or use materials with equivalent quality.

- When shipping, storing and installing the device, try to prevent it from damages caused by pressure, violent vibration and soaking.

- During transportation, conduct special protection over the front side of the camera to avoid friction, scratch or contamination to it. To keep the front side clean, do not peel off the protective film on the front side until finishing installation.

Working Environment	
Voltage	DC12V±10%, 0.5A
Temp.	-30℃~60℃
Humidity	10%~95% (Relative, non-condensing)
Altitude	-60m ~ 3000m
Pressure	86kPa ~ 106kPa

Daily Maintenance

- Do not touch the heat component of the device directly to avoid empyrosis.

- When the lens is contaminated by dust or grease, use cotton cloth or lens clean cloth to wipe it off. When it is hard to clean, dip some lens cleanser and wipe gently and rotate outward from the middle until it is clean. Never apply any organic solvent with ethanol or benzene to clean the lens and housing.

- Do not disassemble or repair the device in any way by yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

- When it is necessary to replace a part, please contact your dealer in advance and replace the part with specific model or part of the same features. We shall not assume any responsibility for problems caused by unauthorized replacement.

- If the product does not work properly, please contact your dealer or the nearest service center.

Special Statement

- The product appearance is subject to the actual device and picture in this Guide is for reference only.

- Every effort has been made to ensure the accuracy and validity of this Guide. Any update of this Guide caused by version upgrade is subject to change without notice.

- This Guide is made for multiple models but it will not illustrate one by one. Please refer to it according to the actual products you are using.

- This device can be used after being activated through IPCSearch in the attached CD. During activation please fill a valid email address for finding back the password.

- To ensure the safety of device on internet, it is strongly recommended that you set a strong password which is composed of at least 2 kinds of the following, digits, case-sensitive letters or specific symbols, and whose length ranges from 8 to 16 bits. Please modify the password periodically and once every 3 months is recommended. If the device is used in highly risky environment, suggest modifying the password monthly or weekly. Please keep your user name and password safe.
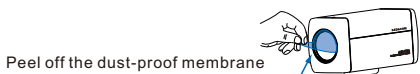
- Accessing this device to the internet is at user's own risk, including but not limited to the possible network attack, hacker attack, virus infection and etc. This company will not assume any responsibility for problems of product abnormality and information disclosure caused thereof. We shall provide technical support relating to the products in time.

- For the latest documents, please download at our website www.kedacom.com.

[Notice]: For more information, please refer to the *User Manual for HD IP Camera* in the attached CD.
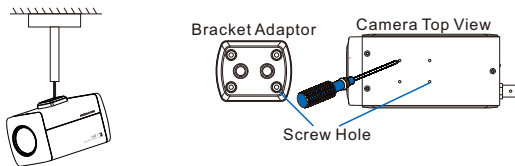
III. Installation

1. Preparation

Peel off the dust-proof membrane and install the camera.

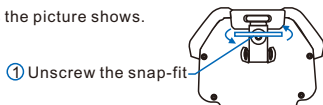Peel off the dust-proof membrane

2. Bracket Installation

When mount the camera on a pendent bracket, the bracket adapter can be taken apart from the bottom of the camera and be mounted on the top of the camera, as the picture shows.

Bracket Adaptor   Camera Top View

Screw Hole

3. Housing Installation

When the camera works outdoor, it should be installed in a water-proof housing, steps as follows:
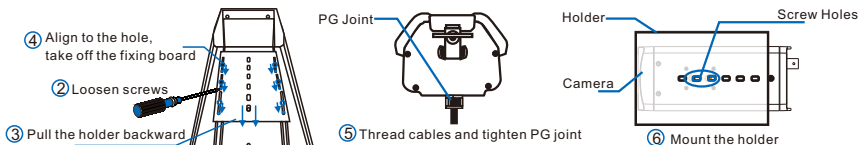
1. Unscrew the snap-fit and open the cover of the housing, as the picture shows.

① Unscrew the snap-fit

2. Use a screwdriver to loosen the screws on the holder, pull the holder backward and take it off.

[Notice]: Only have to unscrew the screws on the holder but no need to screw them off.

3. Thread the cable and screw up the PG joint.

4. Place the holder at the bottom of the camera.

④ Align to the hole, take off the fixing board

② Loosen screws

③ Pull the holder backward

PG Joint

⑤ Thread cables and tighten PG joint

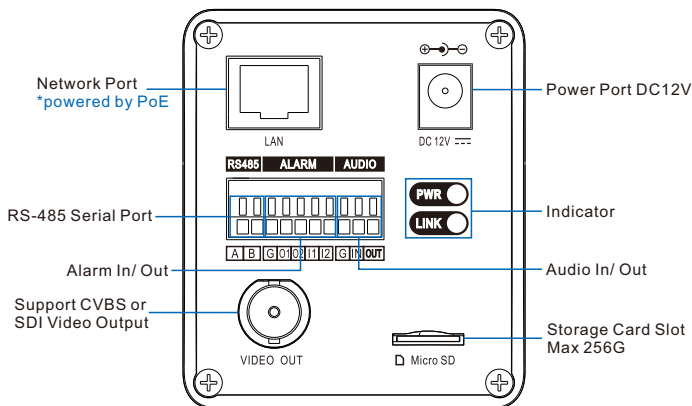Holder

Screw Holes

Camera

⑥ Mount the holder

5. Install the camera and the holder into the housing.

[Attention]: Before fixing, put the camera lens close to the window of the housing without any obvious gap (only enough for focus), to avoid light leak or halo.

6. Wire camera connectors to the connector board of the housing, cover the housing and lock it up.

4. Wire Connection

Network Port
*powered by PoE

LAN

Power Port DC12V

DC 12V

RS485 ALARM AUDIO

RS-485 Serial Port

PWR

LINK

Indicator

A B G O1 O2 I1 I2 G IN OUT

Alarm In/ Out

Audio In/ Out

Support CVBS or SDI Video Output

VIDEO OUT

Storage Card Slot Max 256G

Micro SD

[Notice]: IPC820-F120-N does not support PoE.

[Notice]:
PWR indicator: operation indicator, green, flashes (1s on, 1s off) after being powered on, and turns off after powered off.

LINK indicator: network status indicator, green, flashes (1s on, 1s off) after the camera is powered on and has accessed to the network, and turns off after being powered off or disconnected to the network.
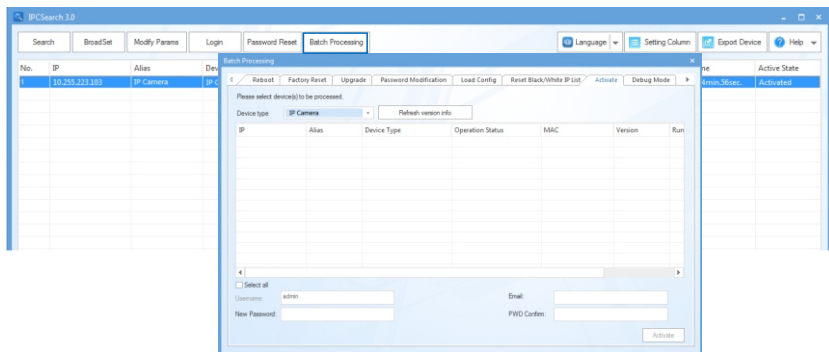
IV. Login to Client

1. Minimum environment requirements:

- Processor: 3.3 GHz CORE®i3 series or other equivalent processors
- RAM Memory: 4GB or above
- Operating System: Windows XP or newer version
- Browser: IE7.0 and newer version, Firefox, Google Chrome (41 and lower)
- DirectX : 9.0c

2. Device Activation

When using the device for the first time, run IPCSearch in the attached CD: it will search devices in LAN automatically and display the list of device IP address, gateway and etc. If the network provides DHCP service, DHCP server will assign IP for the camera automatically.

● Batch: Select the device and click "**Batch processing**". In the popup interface, set admin user's password and the email address to find back the password. Click "**Activate**" and wait for rebooting.

● Individual: Select the device from IPCSearch and right click to select "**Active**". Fill admin user name and password and the e-mail address to find back the password. Click "**Activate**" and wait for rebooting.

● Web client: the device can also be activated through the web client. Set PC and the device in the same network segment and login to the web. User can set admin password and password reset email on the interface and click "**Activate**".

User Name	admin	
Password		
Password		
Confirm Password		
Claim Email	When admin's password gets lost, find it back through this email. Make sure this email address is safe and valid.	
		Active

3. Modify device IP address

Click "**Modify Params**" and set the network parameters. When configuring a static IP for the camera, please check "Custom device address (Close DHCP)" and fill the Ethernet parameter. During the modification, the user name (admin) and the password set before activation should be entered. After configuration, the camera will reboot automatically and this takes 60s.

4. Login to the device

1) Double click the device in IPCSearch or click "Login". Enter user name and password to login the web client.

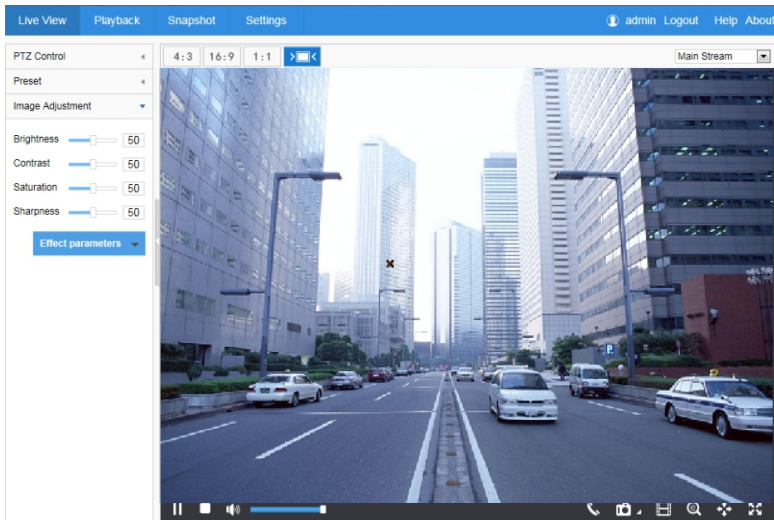| User Name	admin	
Password	••••••••	
		Login

2) After login, download and install the plug-in. Close browser during installation.

3) Re-login to the web client and view live video directly.

[Notice]: Interface of different models may differ. Please subject it to the actual product. Please refer to the Help file for detailed explanation.

Adjust camera direction, configure camera parameters in web client until the live view meets requirement.

Kedacom Two (2) Year Limited Hardware Warranty

WHAT IS COVERED BY THIS WARRANTY?
Kedacom warrants the Kedacom-branded hardware product and accessories contained in the original packaging (hereinafter referred to as "Kedacom Product") against defects in materials and workmanship when used normally in accordance with Kedacom's published guidelines for a period of TWO (2) YEARS from the date of original retail purchase in areas other than mainland China by the end-user purchaser (hereinafter referred to as "Warranty Period"). For the Kedacom Product purchased in mainland China, see the simplified Chinese version of this warranty for details. Kedacom's published guidelines include but are not limited to information contained in technical specifications, user guides, and service communications.
The preceding applies unless otherwise agreed in the contract.

WHAT IS NOT COVERED BY THIS WARRANTY?
This warranty does not apply to any non-Kedacom branded hardware products or any software, even if packaged or sold with Kedacom hardware. Manufacturers, suppliers, or publishers, other than Kedacom, may provide their own warranties to you but Kedacom, in so far as permitted by law, provides their products "AS IS". Software distributed by Kedacom with or without the Kedacom brand (including, but not limited to system software) is not covered by this warranty. Please refer to the licensing agreement accompanying the software for details of your rights with respect to its use. Kedacom does not warrant that the operation of the Kedacom Product will be uninterrupted or error-free. Kedacom is not responsible for damage arising from failures to follow instructions relating to the Kedacom Product's use.

This warranty does not apply: (a) to consumable parts, such as batteries, unless failure has occurred due to a defect in materials or workmanship; (b) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (c) to damage caused by use with another product; (d) to damage caused by acts outside the control of Kedacom, including without limitation acts of God, accidents, abuse, misuse, fire, storms, earthquakes, flood, or other external cause; (e) to damage caused by exposure of the product to heat, bright light, sun, liquids, sand, or other contaminants; (f) to damage caused by operating the Kedacom Product outside Kedacom's published guidelines; (g) to damage caused by service (including upgrades and expansions) performed by anyone other than a representative of Kedacom, Kedacom employee, or authorized Kedacom agent; (h) to an Kedacom Product that has been modified to alter functionality or capability without the written permission of Kedacom; (i) to defects caused by normal wear and tear or otherwise due to the normal aging of the Kedacom Product, or (j) if any serial number has been removed or defaced from the Kedacom Product.

YOUR RESPONSIBILITIES
If your Kedacom product is capable of storing data and other information, you should make periodic backup copies of the information contained on the storage media to protect the contents and as a precaution against possible operational failures.

Before receiving warranty service, Kedacom or its authorized agents may require that you furnish proof of purchase details, respond to questions designed to assist with diagnosing potential issues, and follow Kedacom's procedures for obtaining warranty service. Before submitting your Kedacom Product for warranty service, you should maintain a separate backup copy of the contents of its storage media, remove all personal information that you want to protect, and disable all security passwords.

During warranty service, it is possible that the contents of the Kedacom product's storage media will be lost, replaced or reformatted. In such an event, Kedacom and its authorized agents are not responsible for any loss of data or other information contained on the storage media or any other part of the Kedacom product serviced.

Following warranty service, your Kedacom Product or a replacement product will be returned to you as your Kedacom Product was configured when originally purchased, subject to applicable updates. You will be responsible for reinstalling all other data and information. Recovery and reinstallation of other data and information are not covered under this warranty.

WHAT WILL KEDACOM DO IF THE WARRANTY IS BREACHED?
If during the Warranty Period, you submit a valid claim to Kedacom or an authorized Kedacom agent, Kedacom will, at its option, (i) repair the Kedacom Product using new or previously used parts that are equivalent to new in performance and reliability, or (ii) exchange the Kedacom Product for a refund of your purchase price.

A Kedacom replacement part or product, including a user-installable Kedacom part that has been installed in accordance with instructions provided by Kedacom, assumes the remaining warranty of the Kedacom Product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is replaced or a refund provided, any replacement item becomes your property and the replaced or refunded item becomes Kedacom's property.
Kedacom reserves the right to refund the purchase price as its exclusive warranty remedy.

HOW TO OBTAIN WARRANTY SERVICE?
To seek warranty service, please contact a local authorized Kedacom agent. When contacting the agent via telephone, other charges may apply depending on your location.

User Information
Complete the form below and keep for ready reference.

User Name:		
Address:		Postal Code:
Tel:	Mobile:	
Fax:	E-Mail:	
Product Name:	Product Model:	
Date of Purchase:		