UlifeCam & U-life System Introduction

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U-life Project Team

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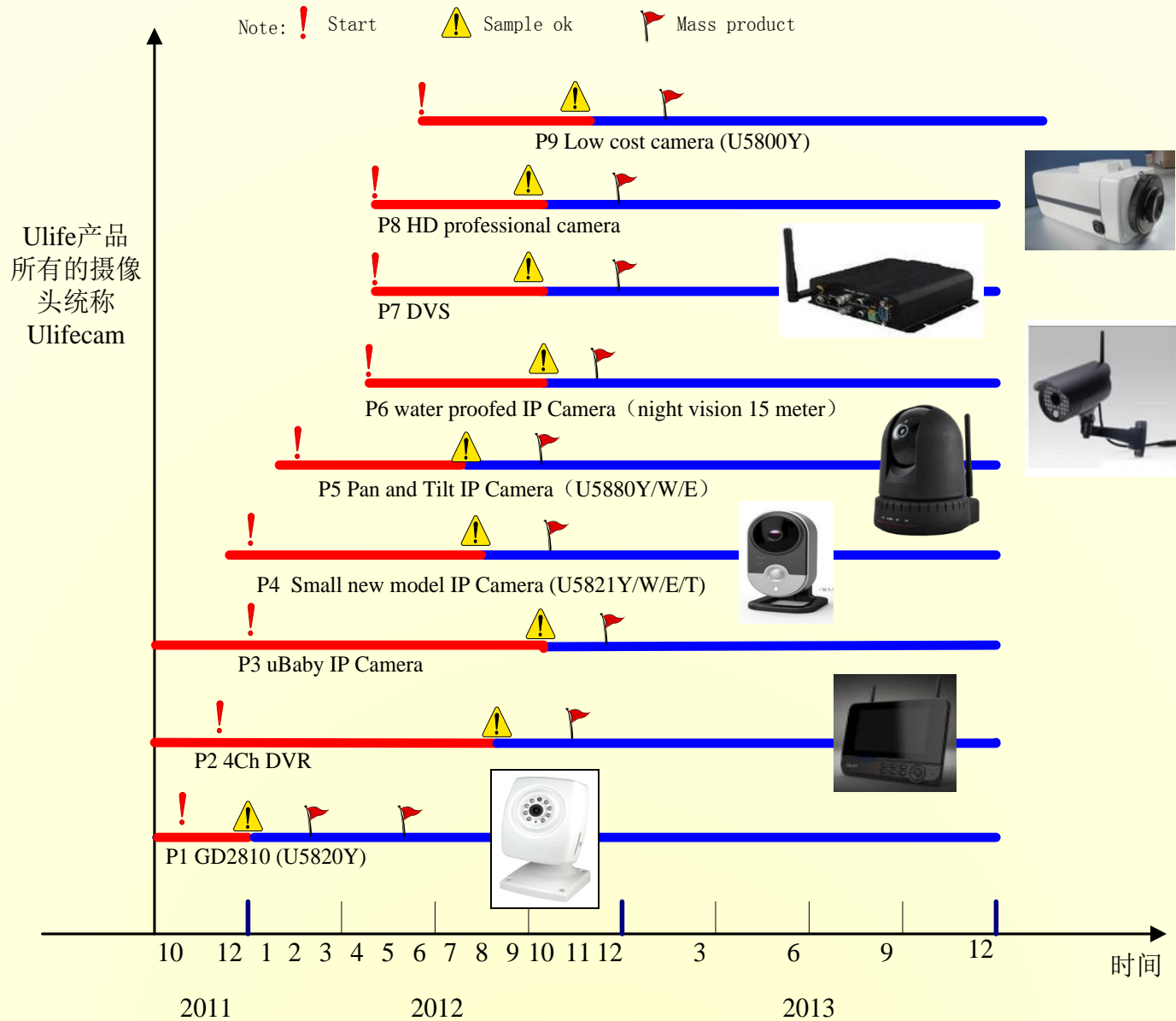
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1. UlifeCam

UlifeCam is serials of intelligent and multifunctional IP camera. This is an ideal product for securing locations including kindergartens, boutiques, ATM, railway-ticketing centers, day care / pet care centers, restaurants, hotels or business buildings. This dependable IP camera delivers excellent image qualities and professional monitoring capabilities.

- Professional Image Sensor Inside, 1.3 Mega pixel HD IP Cam
- Powerful U-life Cloud Platform for Remote Surveillance on Multiple Mobile Platforms (iPhone, iPad, Android and PC)
- Including 720P & VGA Dual H.264 Streaming, 7 Group for Choosing
- Quick Setup and Easy Using
- Digital PT, Digital Smart Zoom, Infrared LED
- WiFi support AP mode and adepter client mode switch, AP mode SSID is the camera's ID, password is "ulifecam"
- U-life Account Password and Device Password Protect to Hacker, default device password is "admin"
- Alarm send email, record to SD card; Schedule record to SD or FTP to NAS

UlifeCam can not only be used together with U-life system, but also be integrated with other system easily by following means:

- Integrated with other system, we shall provide TCP and RTSP, SIP, ONVIF protocol
- Use as traditional IP camera and view by web browser
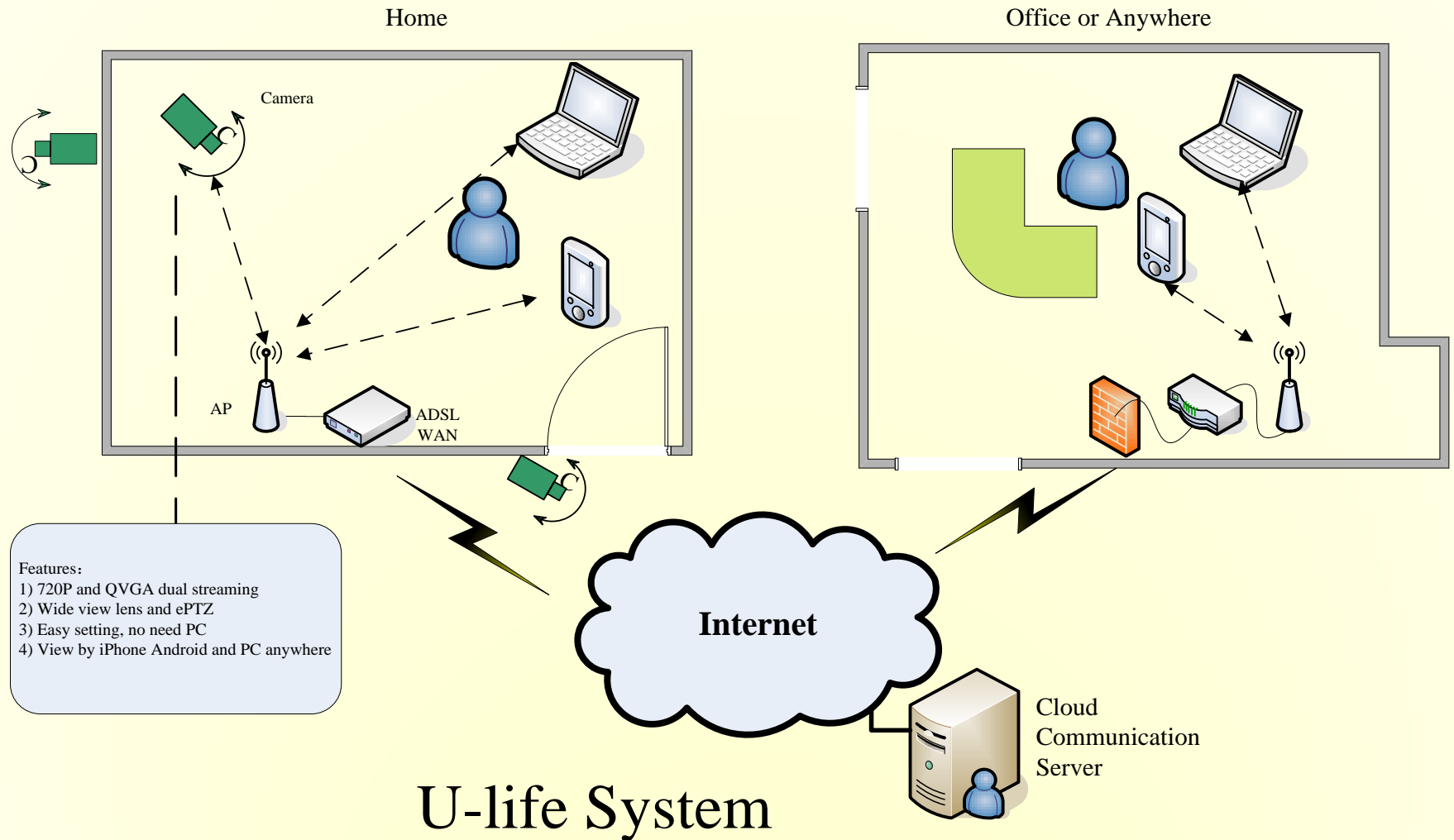- By using PC DVR integrated management software

UlifeCam Serials

IP Camera Specification			
Item		**Model: U5820Y (GD2810)**	**Model: U5880/1Y**
Camera out like	Picture		
System	CPU	TI DSP	
	FLASH	128MB	
	DDR2	128MB	
	OS	Linux2.6	
Image Sensor	Image Sensor	1/4" Color CMOS Sensor	
	Display Resolution	1280x720 Pixels(1M Pixels)	
Lens	Lens	f=3.2mm, F=2.6	f=3.2mm, F=2.6
	Mini. Illumination	2Lux ; 0Lux(Infrared light)	
	Lens Type	Glass Lens (Day and night)	
	Viewing Angle	85 Degree	55 Degree
Audio	Input	Built-in Microphone	Built-in Microphone
	Output	1 channel audio line output	Inner Speaker, 1 channel audio line output
	Audio Compression	AAC (G711 Optional)	
Video	Video Compression	H.264, MPEG4, MJPEG	
	Video Frame Rate	30fps(720P), 30fps(D1)	
	Video bit Rate	64k~12Mbps	
	Resolution	1280x720(720P), 720x480(D1), 640 x 480(VGA), 320 x 240(QVGA) , 528x384(DCIF), 352 x 288(CIF)(Can be defined by customer)	
	Flip Mirror Images	Vertical / Horizontal	
	Light Frequency	50Hz, 60Hz or Outdoor	
	Video Parameters	Brightness, Contrast	

Storage	TF Card	1GB~32GB	
Network	Ethernet Interface	Build in 10/100Mbps,Auto MDI/MDIX , RJ-45	
	Supported Protocol	HTTP,FTP,TCP/IP, UDP, SMTP, DHCP, DDNS, UPnP, RTSP, SIP, ONVIF	
	Wireless Standard	IEEE 802.11b/g/n	
	Data Rate	802.11b: 11Mbps (Max.), 802.11g: 54Mbps (Max.), 802.11n: 150Mbps (Max.)	
	Wireless Security	WEP & WPA WPA2 Encryption	
Pan/Tilt &I/O	Pan/Tilt Angle	85° ePTZ	ePTZ, Horizontal:270° & Vertical: 120°
	Infrared Light	8 IR LEDs, Night visibility up to 5 meters	
	IR-Cut	no	no for U5880Y, yes for U5881Y
	Alarm Input	no	1
	Alarm Output	no	1
	Motion Detect	Video data motion detect	
	Reset	1 Reset button	
View methods	iPhone\iPad	U-life Application from APP store	
	Android	U-life Appication from google play for android 2.1 and higher version	
	PC Client	Setting IP address and multi-picture view	
	Other system connection	TCP, RTSP, SIP, ONVIF	
	Browser	IE6.0/7.0/8.0 or other standard browsers	
PC System Requirements	CPU	2.0GHZ or above (suggested 2.0GHz dual core)	
	Memory Size	512MB or above (suggested 2.0GMB)	
	Display Card	64M or above	
	Supported OS	Microsoft Windows 2000/XP/Vista/7	
Power	Power Supply	DC 5V/2.0A (EU,US,AU adapter or other types optional)	
	Power Consumption	3 Watts (Max.)	
Environment	Operate Temper.	0° ~ 45°C (32°F ~ 113°F)	
	Operating Humidity	20% ~ 80% non-condensing	
	Storage Temper.	(-) 20~60°C (-4°F ~ 140°F)	
	Storage Humidity	15% ~ 85% non-condensing	
Certification	CE, FCC, RoHS		
Warranty	Limited 1-year warranty		

2. U-life System

Home

Office or Anywhere

Camera

AP

ADSL
WAN

Features：
1) 720P and QVGA dual streaming
2) Wide view lens and ePTZ
3) Easy setting, no need PC
4) View by iPhone Android and PC anywhere

Internet

Cloud
Communication
Server

U-life System

U-life (Global View Anywhere Platform) is an Internet-based video service platform. It enables separate IP and 3G cameras to register on the platform. By loading a U-life software (application) to the iphone, ipad, android phone or PC client end, Users can freely monitor and control multiple video devices.

The U-life System adopts latest P2P penetrating technology, makes easy registration and management of video IP cameras possible; The cloud computing technology allows user to monitor same account from different devices at the same time. The U-life system could also be specially applied to many other industrial fields.

Not like old times, users have to set everything up on PC, our U-life client as well as iphone, android clients all support setting up the camera (UlifeCam). The U-life client support both LAN and Internet monitoring. Especially our PC client supports 720P high definition video viewing.

3. UlifeCam Using Methods Brief

- **WiFi connecting directly mode**

- **Wired cable connecting to Internet mode**

- **WiFi connecting to Internet mode**

3.1 WiFi connecting directly mode

Setting

AP

View video
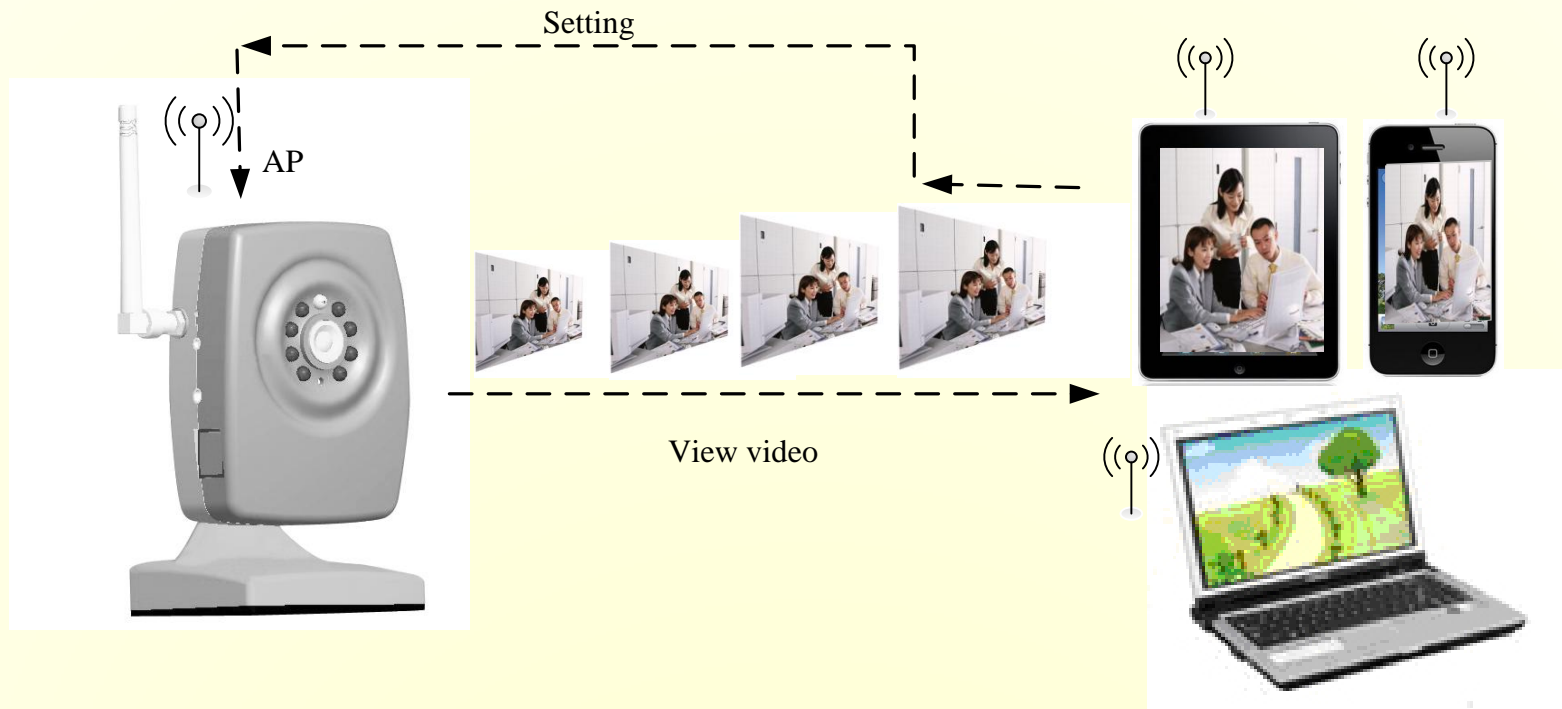
UlifeCam WiFi works in AP mode in default, through PC or iPhone WiFi connecting it directly, view the video in local area. The SSID is the camera's ID, and the password is "ulifecam". Default device password is "admin". Details see <UlifeCam User manual (Part 2—WiFi connecting directly mode) >

3.2 Wired cable connecting to Internet mode

AP

Setting + view video

AP

Setting + view video
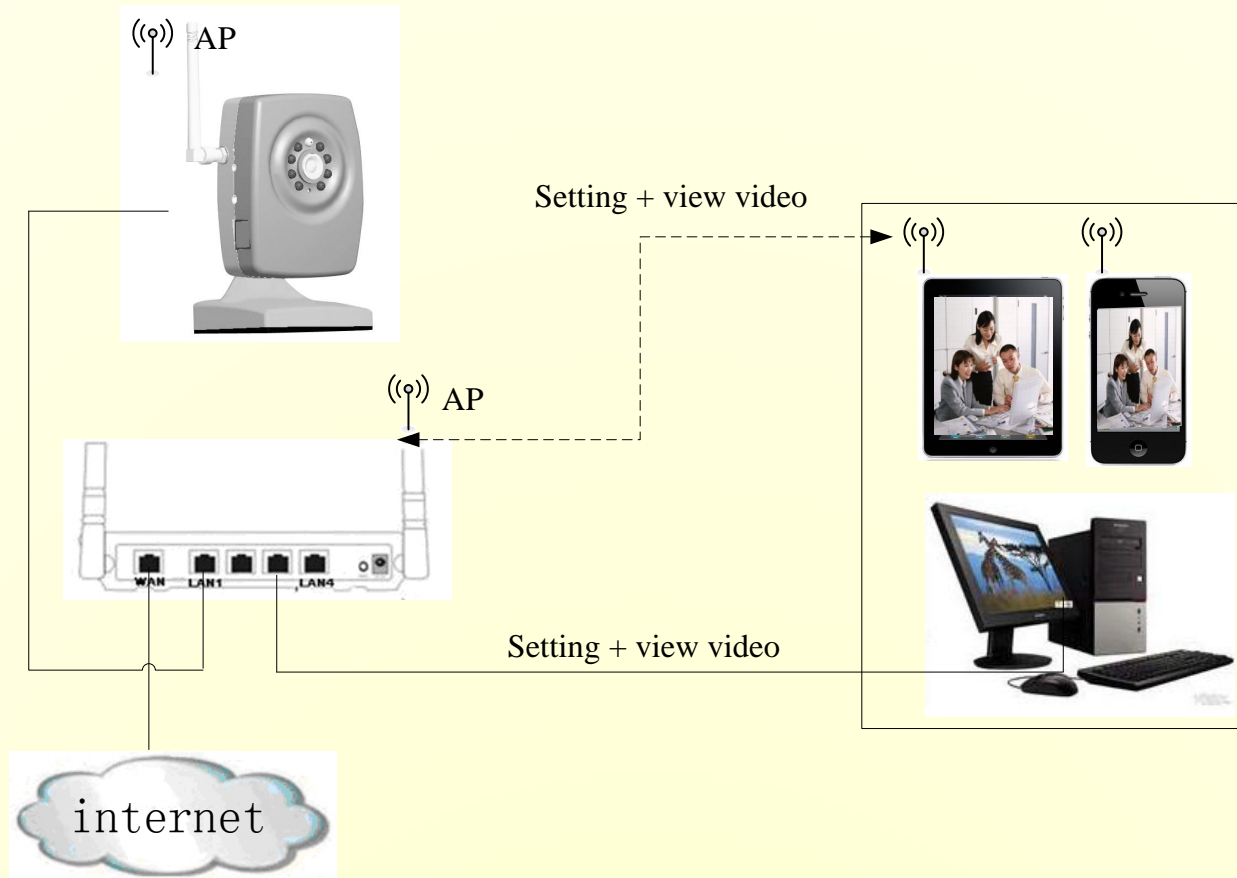
internet

Using wired cable to connect UlifeCam with a home router and access to Internet is a good choice for some users, because the wired LAN connection is more stable than WiFi especially in summer hot days. Details see <UlifeCam User manual (Part 3— Wired cable connecting to Internet mode) >

3.3 WiFi connecting to Internet mode

AP->Client

2 WiFi setup done, plug out the cable

Setup + view

Setup + view

WAN   LAN1   LAN4

1 Connect cable to set up WiFi
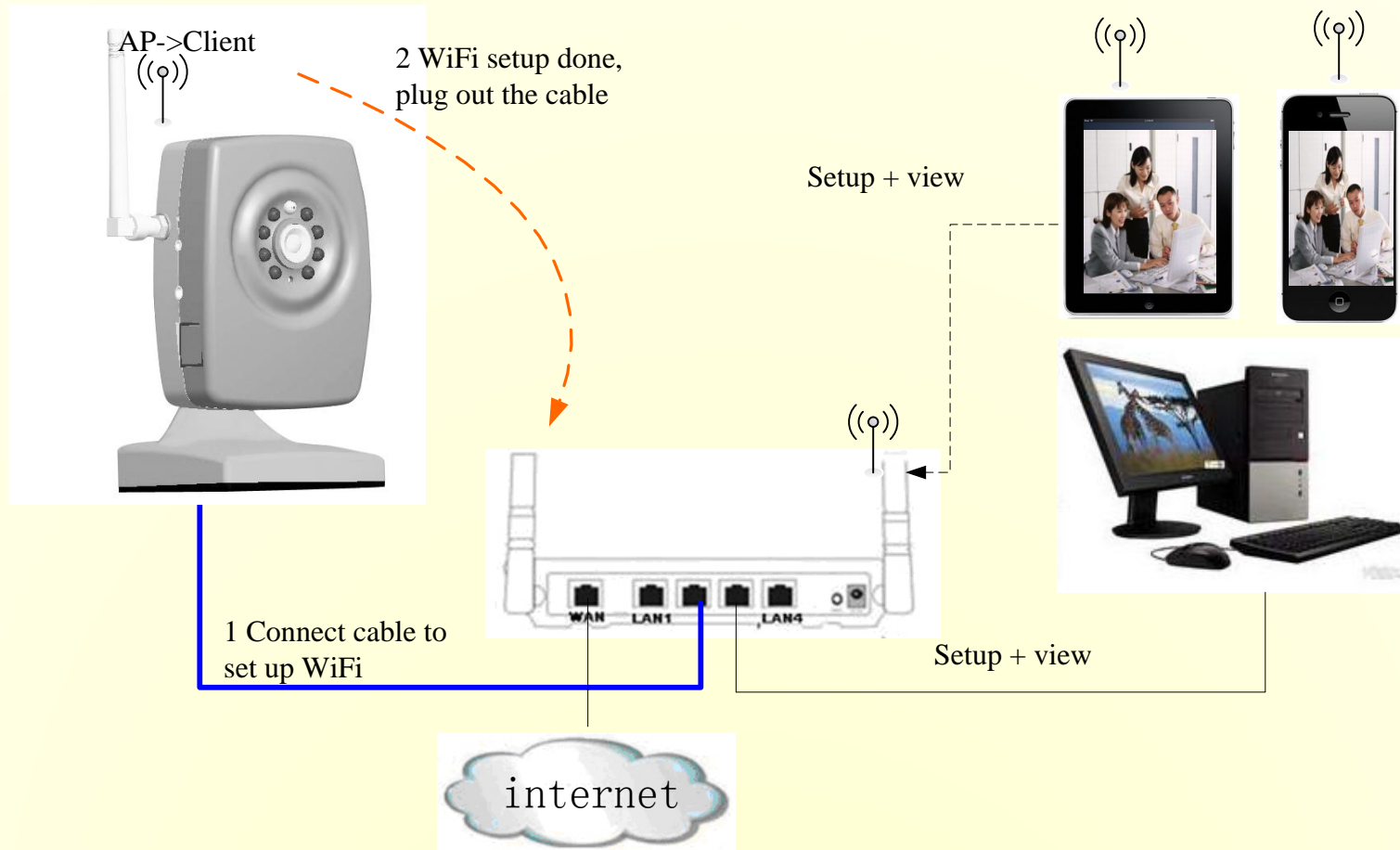
internet

In order to install more easily, many users will use UlifeCam WiFi connect to their home Routers accessing Internet.

Details see <UlifeCam User manual (Part 4—WiFi connecting to Internet mode) >

4. IP Camera Installation Steps Introduction

4.1: IP Camera Installation

Connect IP camera to router with network cable or to PC

4.2 Download U-Life Applications

App Store

www.ulifecam.com

Download

Downloading….

Ulife APPs

4.3 IP Camera Setting Steps with Applications

(1) Connect camera to router with cable

（2）Register ulife account and login

（3）Search camera

（4）Set network parameters and bind

（5）View video
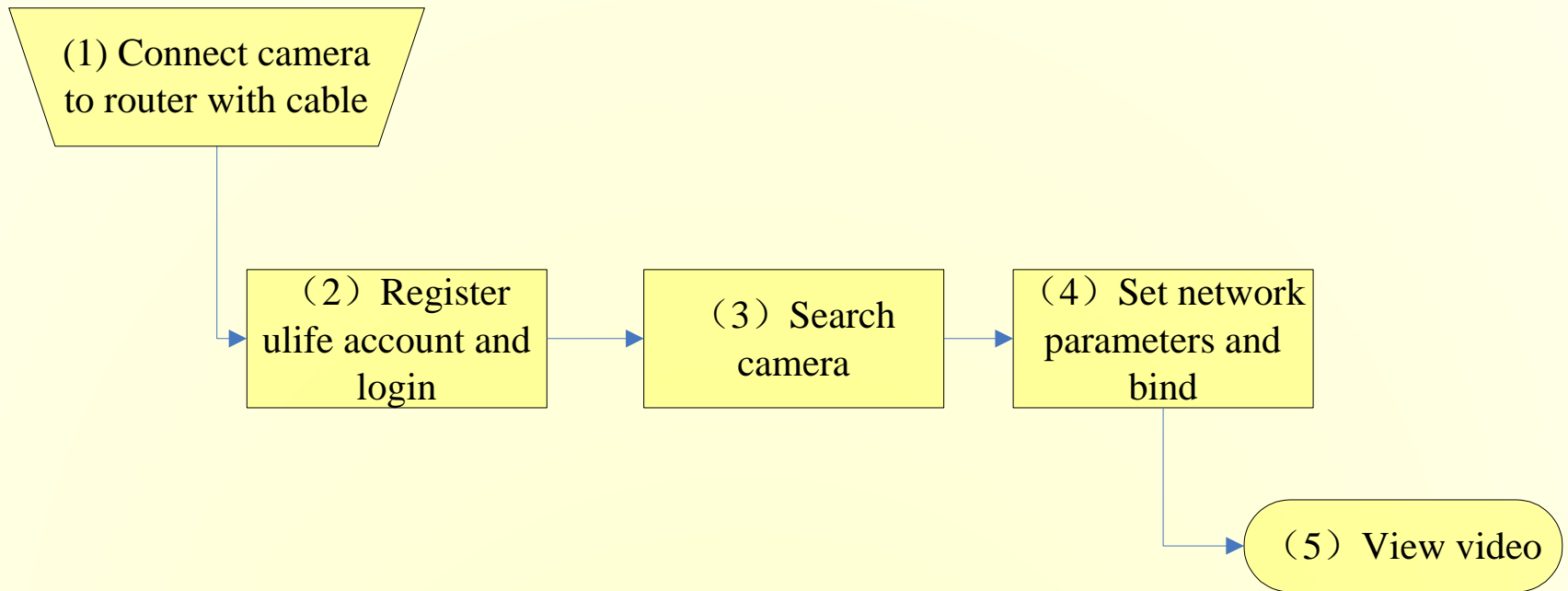
5. PC, IPhone and Android Clients Installation
--WiFi connecting to Internet mode

5.1 U-Life Applications Acquiring

App Store

www.ulifecam.com

Download

Downloading….

Ulife APPs

5.2 U-Life PC Client Software Installation

4). U-Life Cloud Platform User Interface

1). Download "U-Life PC client" software
from http://www.ulifecam.com/en/download.php

2). Unzip software package, find the U-life   icon,
double click to run

3). Register a user name and password to log
in
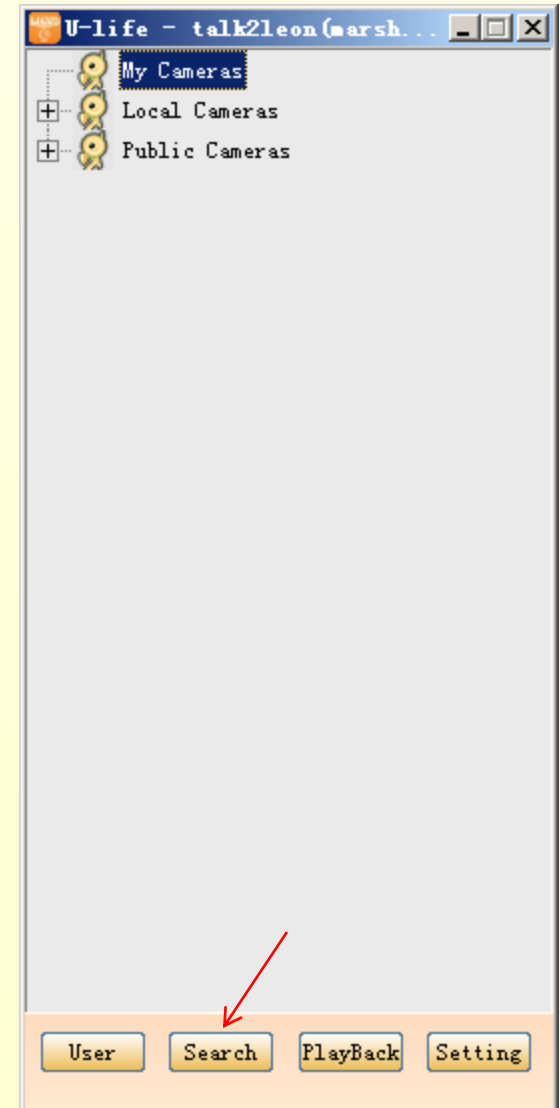
5). Search Cameras in LAN
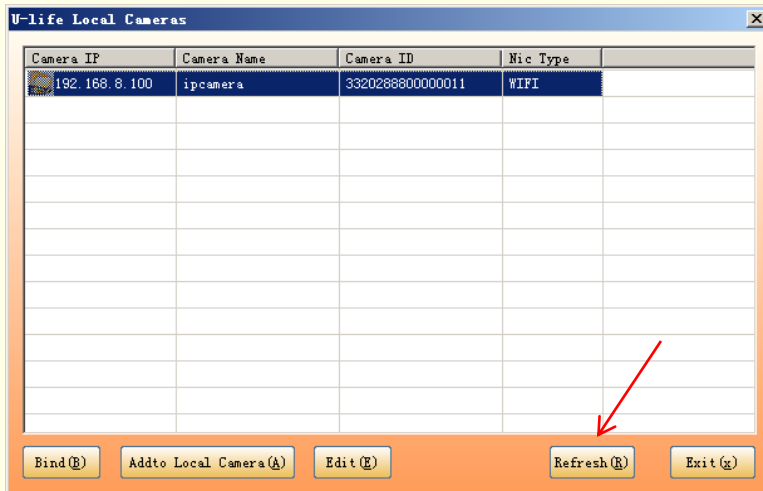
6). Set IP Address and Parameters (default password: admin)
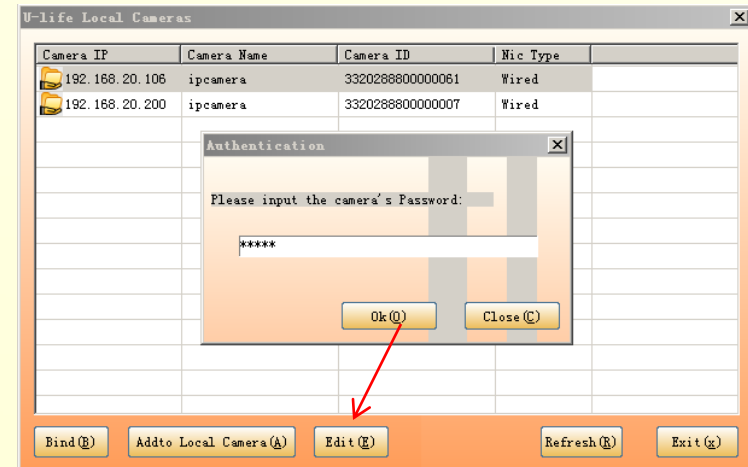
7). Set Wire Connection Parameters (check mark "enable DHCP")

8). Set Wireless Connection Parameters (mark "enable wifi" and input SSID & pwd

5.3 U-Life iPhone Client Side Installation

Register an account ⇨ Login ⇨ *My Camera List* shows all cameras that have been bound to local ⇨ Go to *Local List* for cameras in LAN network

Search cameras in
LAN network

Bind camera to
My Cameras List

Double click for
video
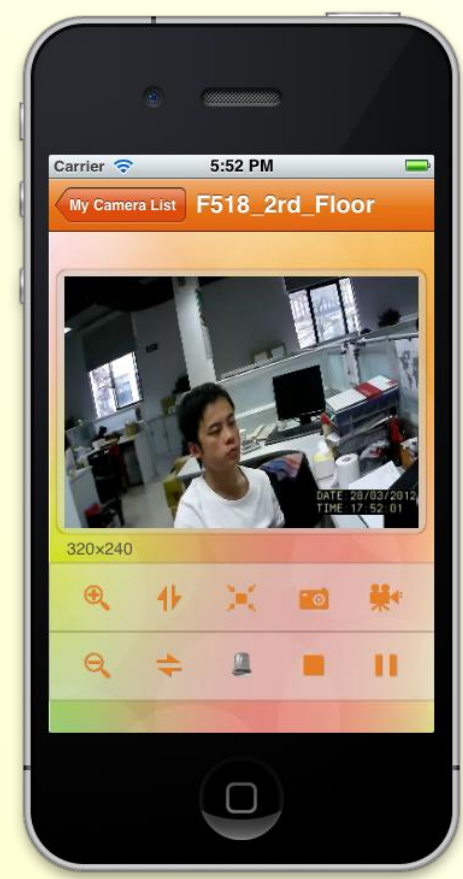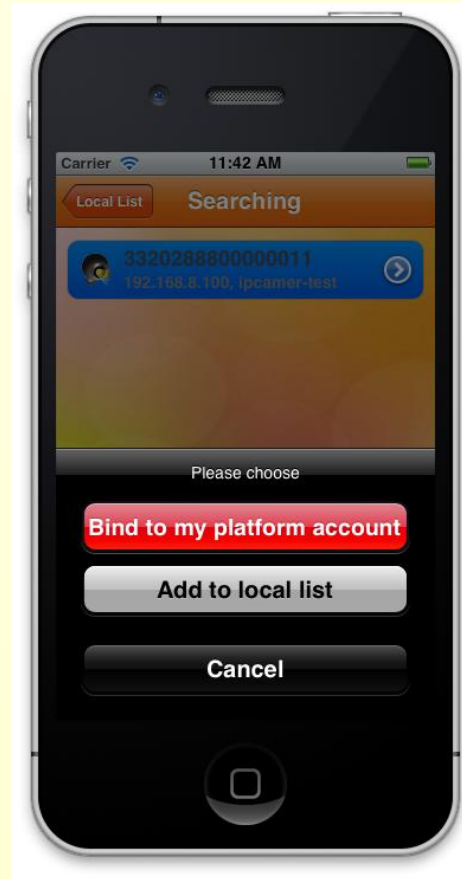
5.4 U-Life Android Client Software Installation
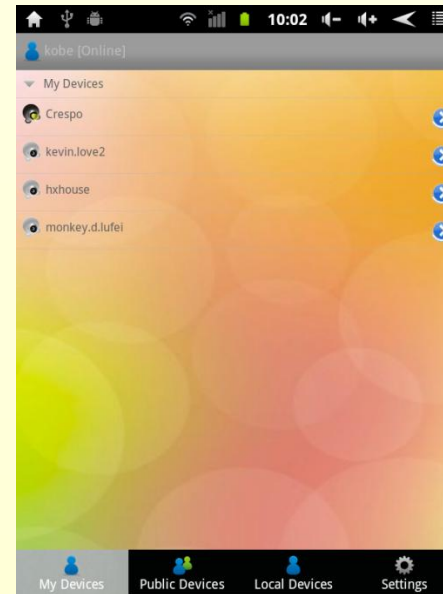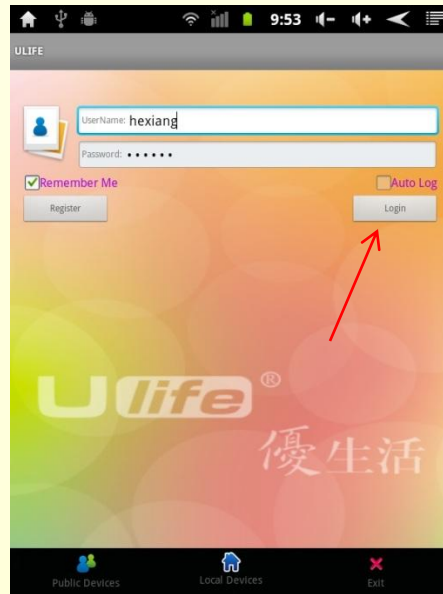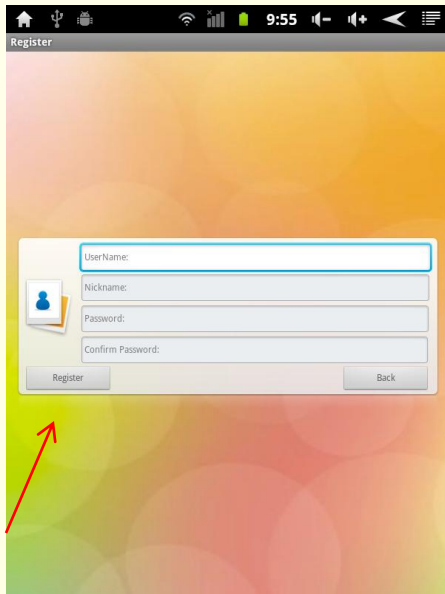
6. Using UlifeCam with DDNS Server (optional)

User are encouraged to access their
cameras by DDNS web pages at the following link:
http://www.ulifecam.com/ddns/

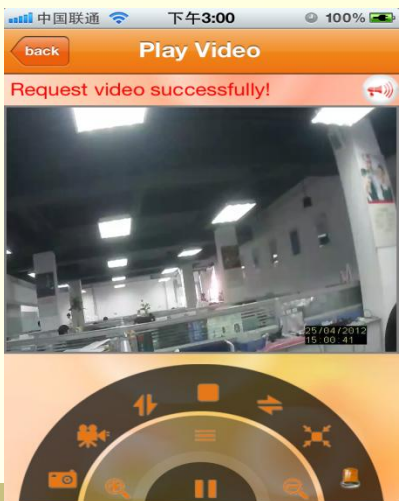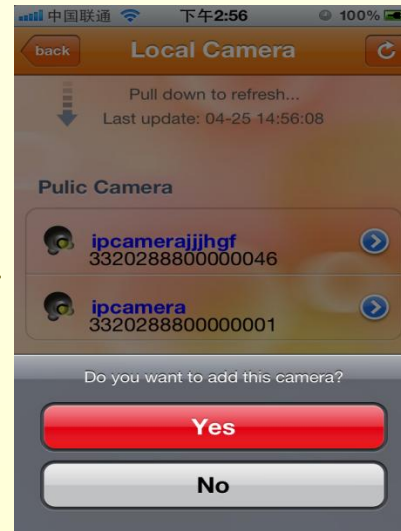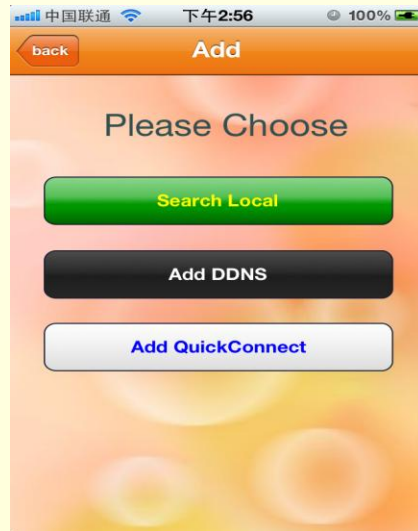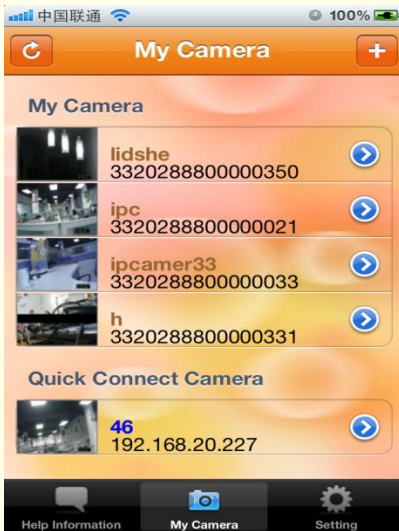# 7. Other tools for UlifeCam – DVR Player
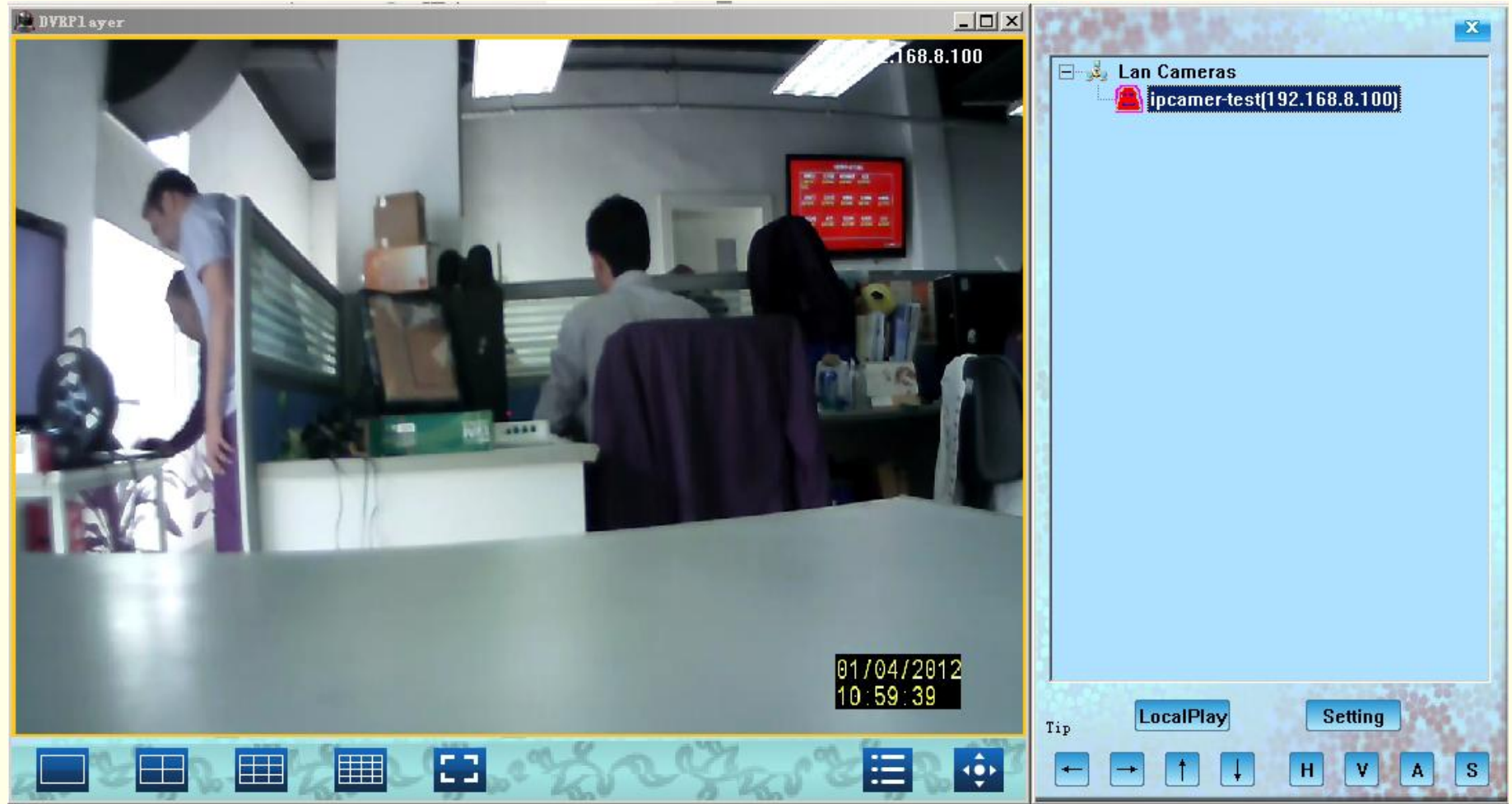
720P Full Screen on PC
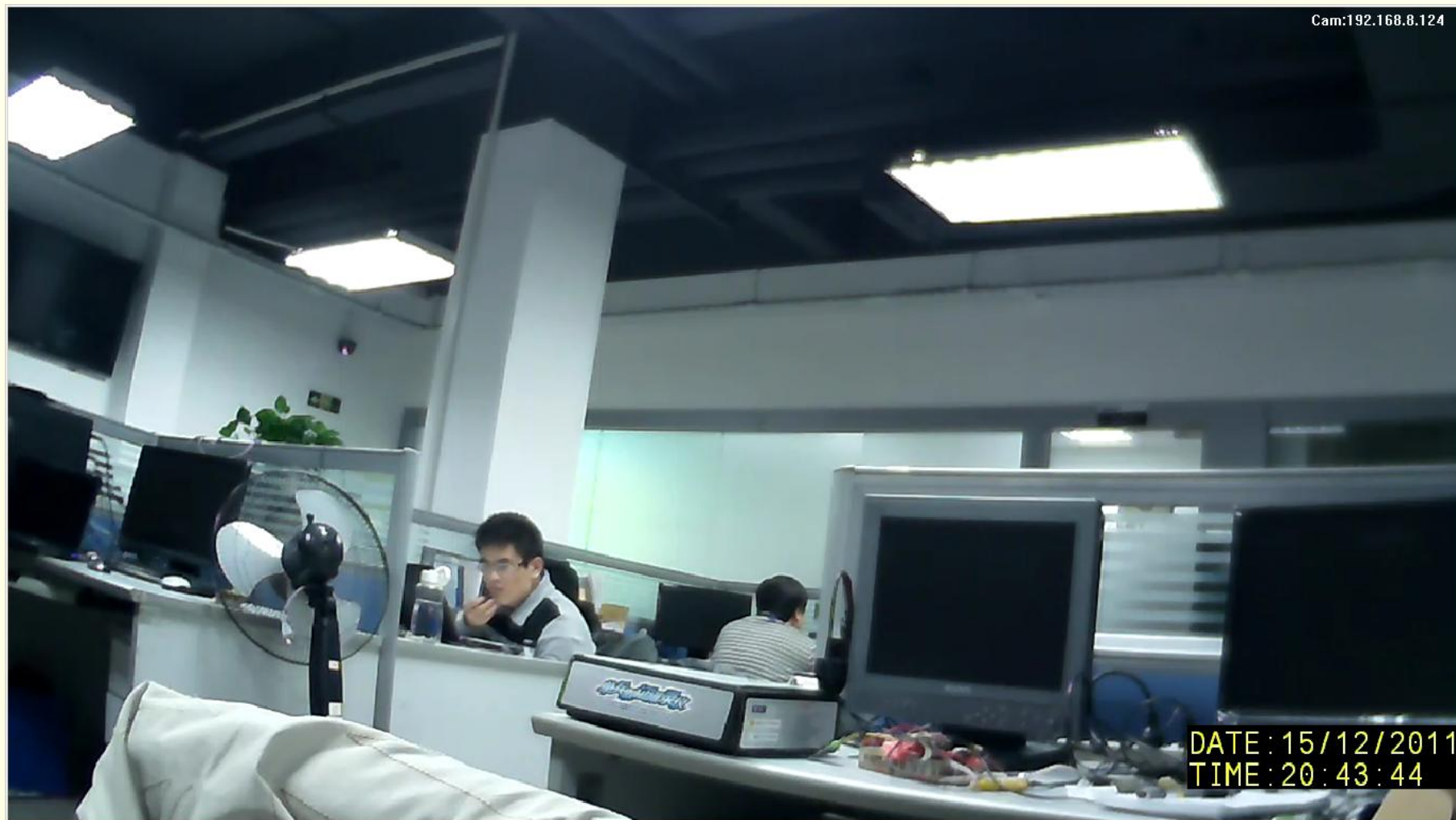
7. Other tools for UlifeCam – Ubaby for IPhone

User can also take 2810 as baby monitor, our "Ubaby"
Application is available on app store
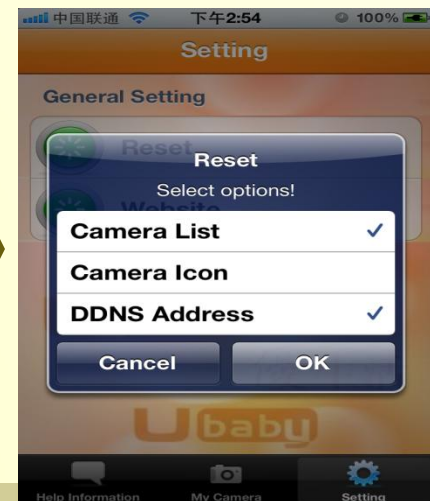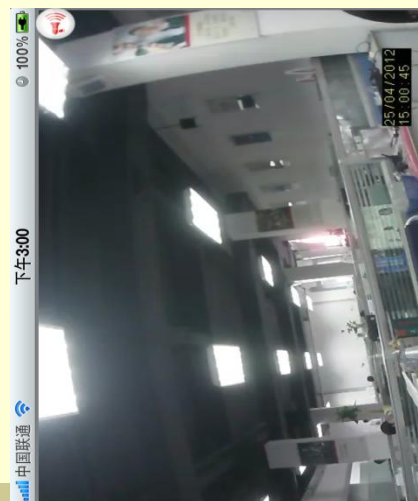
8. Distributors Instructions

Overseas distributors may need to set up a server to support user video streaming. If you have a server, feel free to let us know, we will provide technical supports.

We have already set up servers in Mainland China and Hong Kong. you can use our server under following circumstances:

a.. When we send samples to you, you can demo to your clients.

b. When you only have few customers/users on this project.

When your users reached hundreds, you need to work with us to set up a new server, that will make the end user connect U-life server more quickly.

please refer to you local telecom service provider for the charges.

Notice

Pictures used in this introduction file may change with no notice from our company. We will keep improving the looking of user interfaces and some functionalities. Please pay close attention to our updates by browsing http://www.ulifecam.com.