

# Mini Window Camera Manual



To see a quick window camera product demo, you may **Google**:  
“youtube iat101 window camera”

Or go to our YouTube Channel directly  
<https://youtu.be/7XBUwkPs39A>

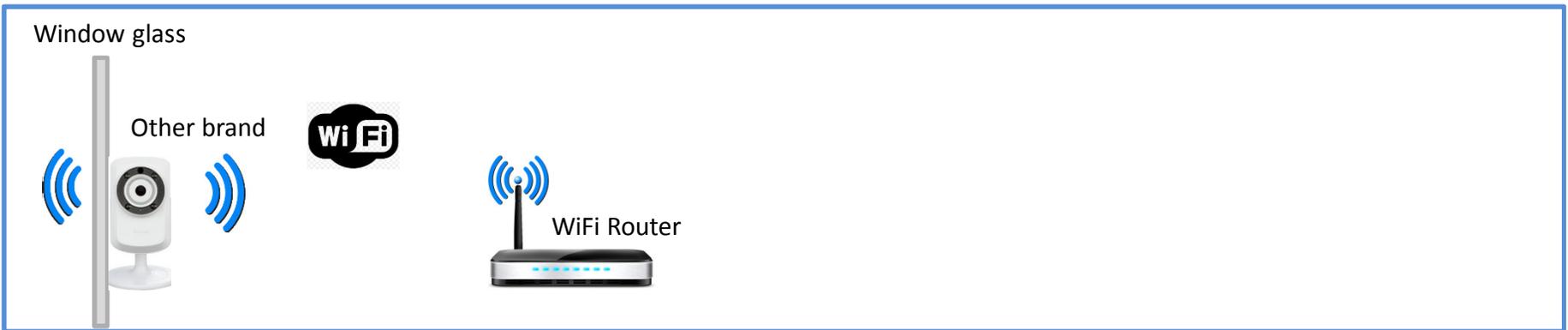
## Before you read....

You may ask one important question

**“why is your camera is more expensive comparing to a low-cost IP Camera?”**

**Answer:** Our design approach is quite different from other common low-cost IP camera design, please check following comparisons.

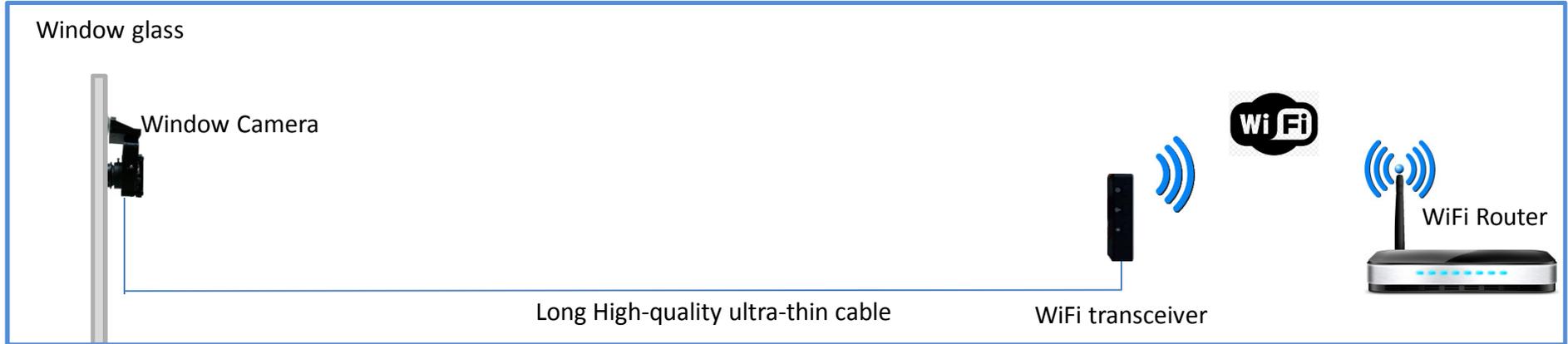
### Other brands' low-cost solution



#### Summary for other brand's low-cost solution

- This type of design is limited to be installed at a location close to a router
- Half power emitted to outside unused and is easy to be hacked by outsider to your WiFi network
- Bulky in size comparing to our mini camera
- Built-in IR LED light which is no good for window glass
- Difficult to be installed at a height to get a clear view of the burglar's face.

## Our solution



### Summary for our solution

- With the long high quality ultra-thin cable , you can place the WiFi transceiver at a location not expose to outsider
- There are different linking methods for remote viewing\***1**
- Advanced police grade App. software
- Advanced WiFi broad-bandwidth IC chip allowing for several smartphones viewing at the same time.
- Local recording / Remote recording methods (motion detect recording available)
- Mini size camera with low LUX for night vision without IR LED lights\***2**
- The suction-cup coming with the camera makes window camera placement very flexible. Camera can be placed at height to get a clear view of the burglar's face

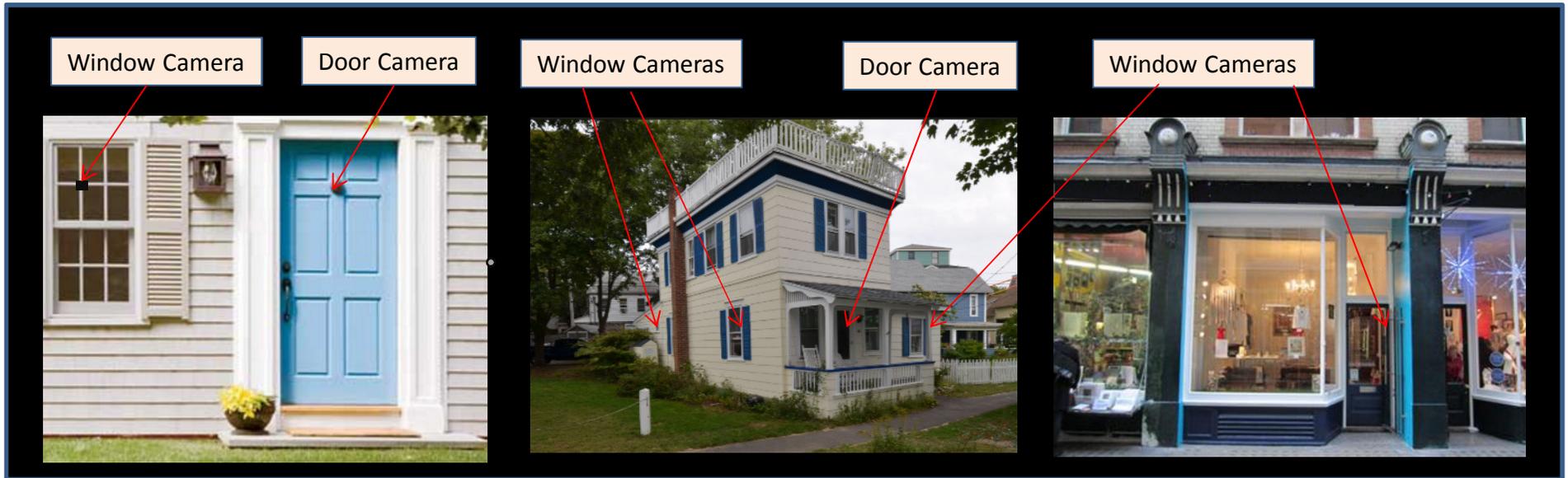
\***1** Links can be used: 1. **WiFi direct mode**: to link to a smartphone directly; 2. **Client mode for remote city viewing**: a.) link to a WiFi router and then signal transmitted through internet. b.) WiFi link to a smartphone with SIM card, and then signal transmitted through 3G, 4G, or 5G phone connection.

\***2** Camera with IR light will not work for night vision on window due to most of IR light will be reflected by the window glasses.

# Preface

Keeping an eye on what matters most is what Window Camera video security is all about, and our new window cameras are designed to make it easy for you to get complete coverage of your home or business store.

**Please avoid placing security cameras too high, you want a clear view of the burglar's face.**



a.) Your lovely home

b.) Your family house

c.) Your business store

The suction-cup makes window camera placement very flexible – you can stick the camera to a window facing outside or inside. You can watch what happens in your yard while away at work, or turn the camera inward to keep an eye on the kids while at home.

With its simple mounting method you can move the camera from room to room anytime. All you need is a power outlet near to the window that you like to mount the mini camera.

In additional, we all sell various door camera products, for further information please check our web links:

[www.iat101.com](http://www.iat101.com) or [www.peephole-store.com](http://www.peephole-store.com)

# Four viewing angles available in Window Camera products



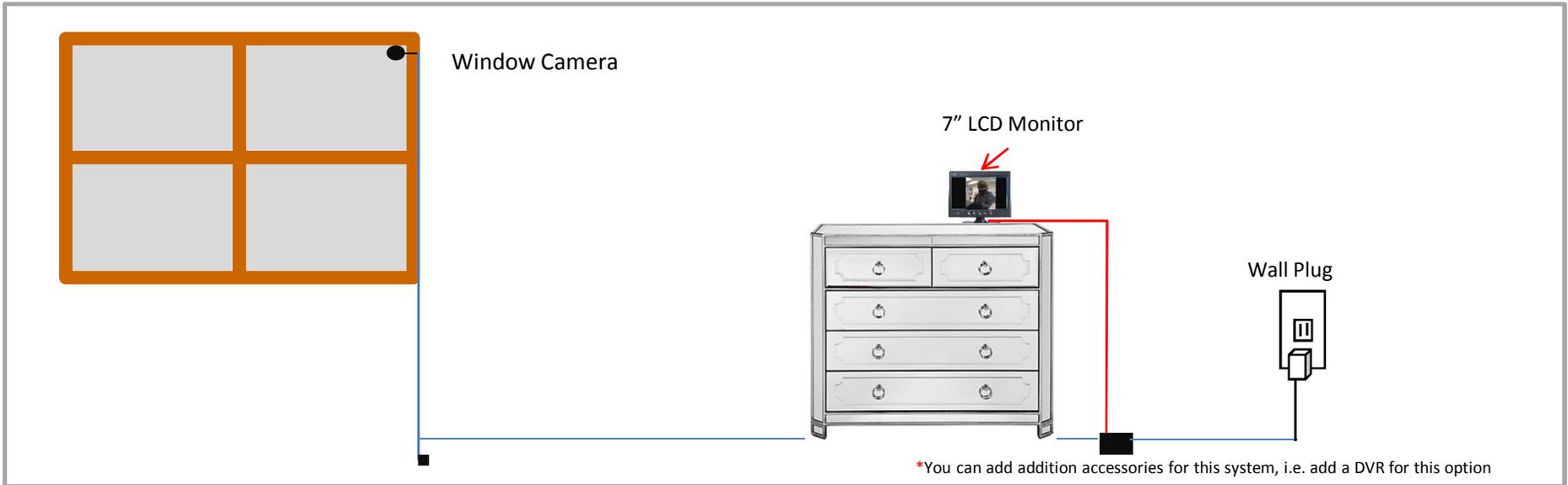
## Notice:

- 1.) Please clean the surface of the window glass and suction cup before attaching the camera to window for a strong attachment.
- 2.) Avoid position the cameras under the sun light.
- 3.) avoid placing security cameras too high, you want a clear view of the burglar's face.
- 4.) Wide viewing-angle camera is better for viewing a short-distance target. For example: using a WC170 for watching short distance targets (ie. less than 5 meters of distance),
- 5.) If you want to view a target located a distance away, we recommend using a narrow viewing angle camera for a better viewing. For example using WC55 will show a large subject image comparing to that of a WC170.

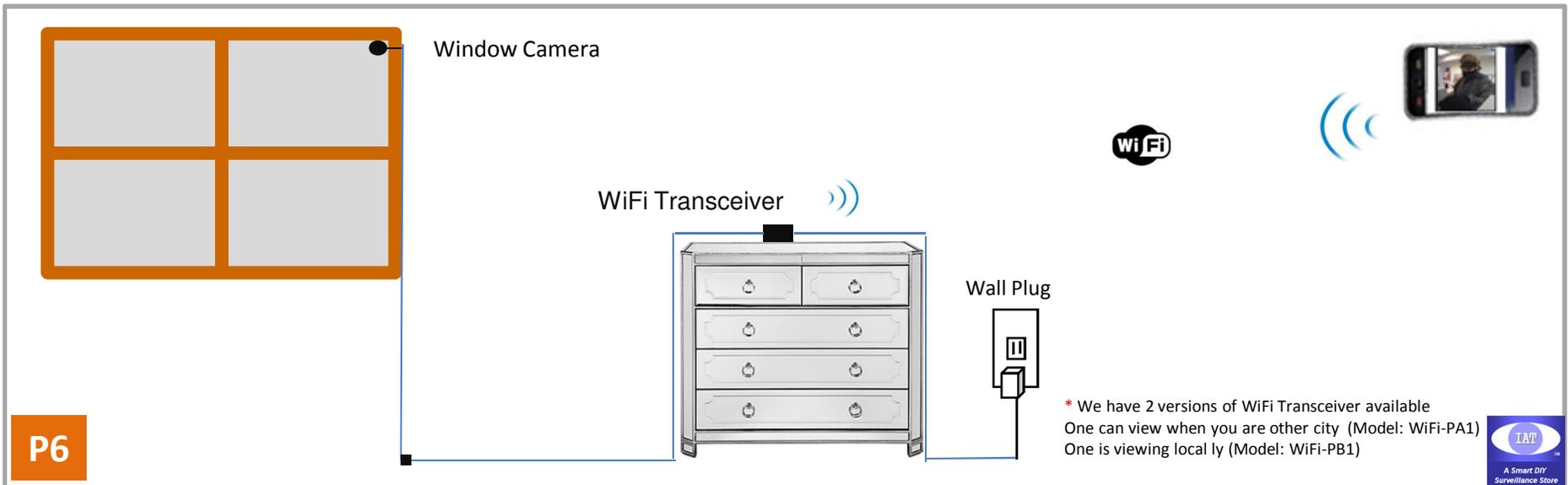
For further question, please feel free to contact us [ia-tecs@hotmail.com](mailto:ia-tecs@hotmail.com)

# Some example wiring configurations for our Window Cameras

## a.) A simple Window Camera with a **LCD Monitor** Wiring Connection Configuration



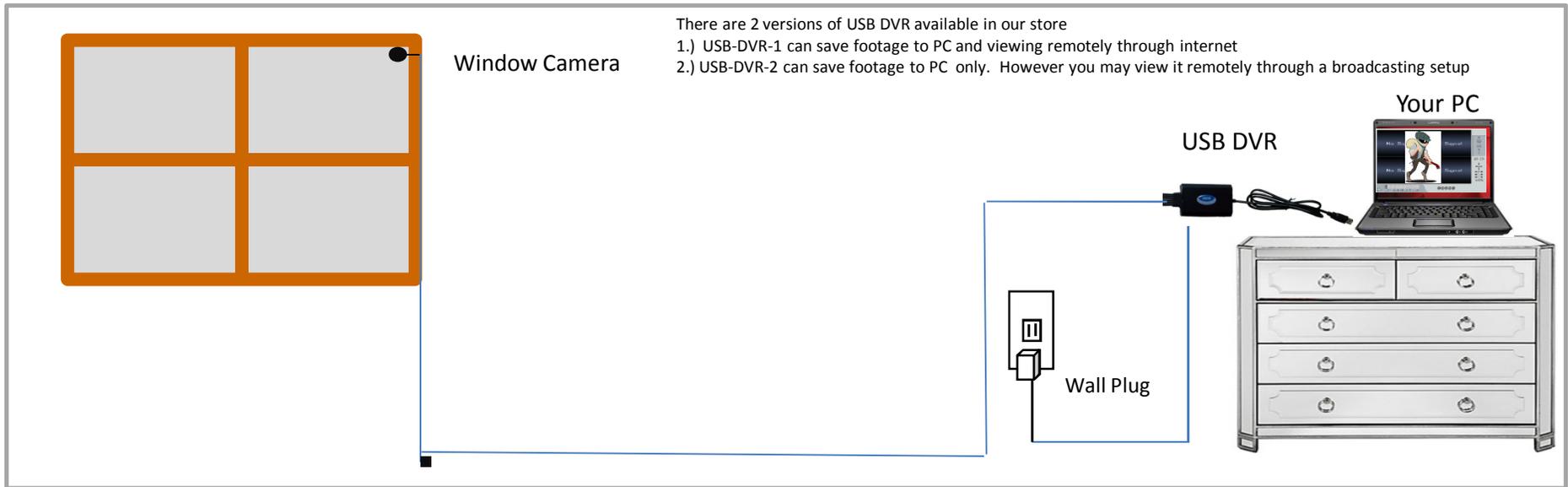
## b.) A simple Window Camera with a **WiFi Transceiver** Wiring Connection Configuration



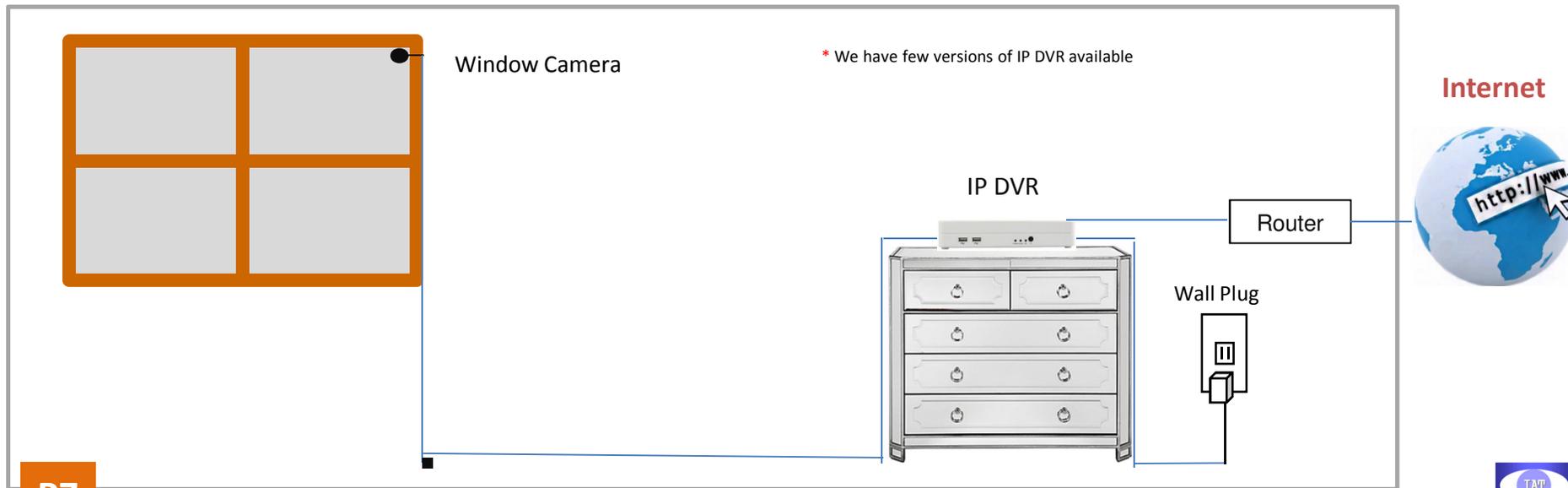
P6



### c.) A simple Window Camera with an **USB DVR to PC** Wiring Connection Configuration



### d.) A simple Window Camera with an **IP DVR to a router** Wiring Connection Configuration



# How to make you model?

We will put some basic models in our selling channels such as Amazon, eBay, and our on-line shipping store [www.peephole-store.com](http://www.peephole-store.com), However there are many products will not posted in the selling channels due to too many different product combinations.

The simplest way is you select your own model and we make the DIY surveillance system for you. Please check following for the model making guide line. For any details in model, please email us: [ia-tecs@htomail.com](mailto:ia-tecs@htomail.com)

Model #: X Y Z

<p><b>X:</b>Window Camera <b>WC170A</b> <b>WC120A</b> <b>WC 90A</b> <b>WC 55A</b></p>	<p><b>Y:</b>Accessory <b>LCD:</b> 7" LCD monitor <b>WiFi-PA1:</b> WiFi A/V transceiver can be set for remote viewing <b>WiFi-PB1:</b> Low cost WiFi Video Transceiver <b>USB-DVR-1:</b> USB DVR with internet setting for remote viewing <b>USB-DVR-2:</b> low-cost USB DVR* <b>DVR4-D1:</b> 4-channel IP DVR with D1 video quality* <b>DVR4-HD:</b> 4-channel IP DVR with HD video quality* <b>DVR4-FHD:</b> 4-channel IP DVR with Full HD video quality*</p> <p>You may also combine 2 or more of above accessories for your own model</p>	<p><b>Z:</b> construction of your place <b>A:</b> apartment wire set (camera will come with 1 –meter long super-thin cable and 5 meters long ultra-thin cable) <b>H:</b> House wire set (camera will come with 1 –meter long super-thin cable and 10 meters long ultra-thin cable) <b>S:</b> Store wire set (camera will come with 2 meter long super-thin cable and 10 meters long ultra-thin cable)</p> <p>Other wire set combinations are also available upon your request</p>
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**Note:**

**USB-DVR-2:** has no internet capability, however can use broadcasting software to view remotely

**DVR4-D1:** We recommend buyer using this model, because a D1 video quality is good enough for a smartphone viewing remotely.

**DVR4-HD:** This HD DVR requires a large internet transmission bandwidth, if you are for sure having a good and stable fiber optical internet system installed, you may try this one.

**DVR4-FHD:** This Full HD DVR requires a much large internet transmission bandwidth comparing to other IP DVR models, if you are for sure having a good, stable and fast fiber optical internet system installed, you may try this one.

# Appendix: Where To Place Security Cameras

## 1. Front Door

This is the first place you should consider placing a camera. That's because the majority of burglars (34%) enter a home via the front door. When it comes to placing cameras at the front entrance to your house, you have some options.

### a) Indoor camera looking out

If you have a window near your front door, you can place a security camera on the window

What you don't need is a camera with infrared / night vision capabilities, that's because night vision doesn't work when it's behind glass. You can however leave on a porch light to help your camera see at night

**Pro tip:** Avoid pointing cameras directly at the sun. Just like you go blind when looking directly into the sun, so do your cameras. This is a problem at dawn or sunset when the sun is at a low angle.

### b) Indoor camera facing front door

The other option is to point your camera at your front door (from inside). The benefit of this angle is you can clearly identify the face of the person.

**Pro tip:** Avoid placing security cameras too high particular near doorways and entrances. You want a clear view of the burglar's face.

## 2. First Floor Windows

The second most popular entry for burglars is the first floor (ground floor) window.

## 3. Back Door

Your back door is particular vulnerable if your front door is viewable from the street. Burglars don't like an audience so they will often sneak around the side or back of house to break in. Pointing a security camera at your back door from inside is a great option.

## 4. Garage

Why do burglars break into sheds and garages? Because most of the time, sheds and garages are unoccupied. Plus, they offer access to expensive items like bikes, not to mention potential weapons such as shovels or pitchforks.

Just remember our pro tip about backlight. Garages and sheds are dark places, so when a garage door opens during daytime your security camera will find it hard to pick up the face of an intruder. To solve the backlight issue, try pointing your security camera at an angle to your garages opening.

## 5. Backyard / Side Gate

A lot of yards back onto other properties, waterways, bushland, parks or laneways. This makes backyards easy to access and easy to escape from.

The backyard is also an area where kids spend a lot of time, so you may want to place a camera here to watch over them.

While one security camera can capture a large area of your backyard, you may need multiple cameras to help identify an intruder. A good location for a window camera is facing the entrance point of your backyard.

# Conclusions

When it comes to placing security cameras, there are many options. In general, we would recommend following camera positions for the most popular break in locations:

- Front door
- First Floor Windows
- Backdoor
- Garage
- Backyard

There are some minor things we thought you should need to consider when placing cameras, such as:

- Night vision cameras behind a glass window cannot detect heat outside due to IR light reflected from glass.
- Avoid pointing cameras directly into the sun. Consider where the sun is at dawn and dusk.
- Position cameras at an angle to avoid backlight from windows and doors.
- Avoid positioning cameras too high, especially close to walkways and entrances. Head height is best to capture the face of an intruder.
- Consider multiple cameras for large areas like backyards to monitor entrances to identify an intruder.

We hope our product and information can be helpful for you to place your security cameras in the best positions.