

# NUUO Residential Vertical Solution Guide

Our home should be our castle: an oasis of security and relaxation. These days, however, most families rely on double incomes to get by which means that typically no family member is at home by day to monitor the premises and discourage thieves. Furthermore, while in the office, homeowners often have no way to check on the status of their children, babysitters, elderly relatives, or pets in the home.



When an unwanted incident occurs, in many instances, responding after the fact is much too late. In such circumstances, the home environment cannot be said to be secure. What's more, many houses are built without physical fences, leaving the home more exposed to intrusion. All of these factors present challenges for residential surveillance.

## The Way to a Secured Home

Below are the prime challenges NUUO predicts for residential surveillance projects:

### *Events Occurring When No Adult Family Member is at Home*

When theft, intrusion, fire, and improper babysitting practices take place, immediate action is required to prevent the situation from worsening. Thus, when the family is away from home, event detection, accompanied by automatic and immediate reporting to the appropriate authorities, is crucially important. Recipients of event notification should include both contracted security companies and the homeowner. Beyond this, ensuring the system reports only appropriate events, and avoids generating false alarms, is another key challenge for security companies delivering efficient services.

### *No Physical Fence Protection*

Physical fences are widely used for stopping intrusions or lengthening the time intrusions take. However, single houses in suburbs or rural areas are usually built without physical fences to preserve unobstructed views of their natural surroundings. The trade-off is the lack of physical protection, which makes it easier for thieves to break into homes. As such, residential projects must address the issue of how to facilitate enjoyment of natural scenery while preserving home security.

### *Home Users Without Technical Skills*

Compared with other vertical markets that usually have dedicated on-site trained security guards, in the residential market, surveillance videos are often viewed by homeowners lacking a specialized technical background. Although IP surveillance stands out from

analog surveillance and attracts users due to the clarity of its video services, the network settings required to view video are frequently so non-user-friendly that they scare users away (e.g. the complexities of router settings and keying in an IP address and port numbers for the video devices). Ease of use when it comes to accessing video and setting up cameras is thus particularly important.

## **Secure Your Home with a High-Tech yet Easy-To-Use Solution**

Let's turn to the benefits that NUUO Intelligent Video Surveillance Solutions can deliver to the residential environment:

### *The Smart Electronic Housekeeper Detects and Reports Events*

By installing NUUO I/O, IVS (Intelligent Video Surveillance), or accessing control solutions at critical zones, such as the door, window, garage door, warehouse, safe box, etc., when an intruder enters these areas the event is detected. Events can then be reported automatically to the responsible security guard via the NUUO event management solution, synchronized with the NUUO CMS installed by the contracted security company. Also, NUUO Push Notification can send playback video of the event immediately to the family host's mobile phone. Thus, both the security company and the homeowner can respond to events promptly to minimize losses even though there is no one at home.

### *Erecting a Virtual Fence to Preserve both Natural Scenery and Security*

Enjoying natural scenery uninterrupted by physical fences can be free of risk now. This is thanks to the NUUO Mainconsole IVS which erects a virtual fence. In many instances a physical fence can either be torn down or else bypassed without even damaging it. In such instances, the physical fence clearly does not fulfill its purpose. On the other hand, a virtual fence cannot be torn down or bypassed by intruders. Even better, it can be easily set up by drawing a digital line or zone in the NUUO Mainconsole interface and defining the critical zones in and around the house. When objects cross over designated lines or enter predefined zones, the preset response is automatically triggered. Thus the virtual fence provides even greater security than a physical fence, while allowing for unhindered views of natural scenery at the same time.

NUUO IVS can also be set to define the dimensions of objects to be detected, thereby reducing the likelihood of false alarms. For example, when a cat enters the garage, the NUUO IVS will not treat this as a hostile event and notify the security company. This can significantly reduce the amount of time security companies waste responding to false alarms.

### *Easy Operation for Home Users*

Forget about cumbersome network settings. With the NUUO NVRsolo, user can simply assign the NVRsolo a registered ID and applies a set of usernames/passwords. Now each time the user wants to check on what's happening at the home, he or she can just log in to [www.eznuuo.com](http://www.eznuuo.com) or NUUO mobile application, and key in the registered NVRsolo ID, username, and password for easy access to desired video feeds.

Additionally, NVRsolo makes installing IP cameras easier than ever. Using a one-click search, the IP cameras are automatically detected and added in the system. Its default username/password will be synchronized with NVRsolo, without any further input required from the user. All users can carry out this task without technical training and have easy access to the security provided by high quality surveillance.

### *Smart House Automation*

The NUUO I/O solution combined with the NUUO mobile solution makes it possible for users away from the home to check if the electronic switches for their lights, air conditioner, garage door and so forth are turned off. They can also remote-control these electronic switches if needed. This not only enables the user to monitor and manage the home, but also helps to prevent theft, as the user can remotely turn on lights or audio equipment to create the impression there are people inside the home even when nobody is there.

### **Peace of Mind for the Home**

Whether users require home surveillance to detect unwanted events, to provide proactive notification and prompt response times, or to check in on what is happening at the home when away, NUUO surveillance has the solutions to meet these security needs in full. Moreover, the NUUO solution offers ease of use enabling the home user to install the system without any special technical skill or training. Plus there are additional benefits, such as smart house automation, that further convenience homeowners. All of this enables NUUO surveillance to complete its core goal: bringing peace of mind to family members anytime and anywhere, thus facilitating a safer and happier residential experience.