The Current Situation of the Wireless Video Intercom System

In the current market, non-digitalized video interphone product still accounts for the mainstream. However it is still not solved appropriately for the poor anti-interference ability restricted the transmission distance and incompatible system. As the living standard improves, the single video intercom can not meet the needs for security of the family and community. There are more requirements for the security, stability, diversified appearance and fashion style for the products. The requirements of individual user have evolved from traditional visitors confirmation, intercom door, beautiful and decent indoor extension to family security and intelligent household control, information release and visitors image viewing and etc. There will be a prosperous period for the digitalized video intercom system integrated from bilateral talking, entrance guarding, anti-theft alarming and monitoring.

It can be applied to the networking of super-community and villas due to the simple wire structure, convenient maintenance and no need for intermediated equipment to avoid busy line. Besides, it is more comprehensive of the market required functions and more intelligent indoor terminal, which reliefs of the poor utilization of the common products and improve the living quality of the users. It will brings more chance for development throughout the whole circulation model as the application of general networking structure has altered the traditional complex engineering model and the simple system attached with small amount of matching products and engineering, which turn the traditional engineering system products to consumer goods. .

The application in high-end building

As the market requires digitalization for the video intercom product while it is more advantageous than the traditional products, which drive the manufacturers crazy for the digitalized video intercom products. Though it is still conceptional for the digitalized products for many manufacturers. However, those manufacturers who are strong power have already research the project several years ago. In recent years, there are gradually some pure-digitalized video intercom products coming out, which are applied in some domestic high-end building.

In recent years, the residential building are characterized by wide coverage, diversified families, large amount household, large-amount high quality type and demanding. The networking has become the problem for the expanded community.

It is competitive in the domestic real estate industry. The developer would rather invest more resource to intelligent housing to build the high-quality household, which provides a comfortable environment for the house owners. Therefore, the digitalized video intercom products are to meet the needs of the the certain groups of consumers, Such as, large touch screen outdoor device, colored indoor intelligent extension while more demanding function such as colored image plus text message release system, visitor image taking, visitor message, message alarming, elevator interconnecting and car arrival notice and so on.

The basic component for "Digitalized House"

Digitalization provides a good foundation for intelligence and integration. It can be realized that all the sub-system can be based on the same TCP/IP networking through digitization. It not only creates the intelligent housing, but provides E-commerce and on-line payment etc value-added service through the family intelligent gateway and IC card indentity recognition by the property management office. While the digital video intercom is one of the sub-system of "digital house", it provides a perfect function platform which is the basic system of :digital house".

In the path of community intelligent development, digitization is an inevitable trend. It can be grounded on digitalization, networking and integration. The market for "digital house" is formed step by step. It is a great pressure for us to research and develop the product with the development of digital housing technology while the pressure is the motivation. Therefore, the function-orientation for digital video intercom product should get rid of the traditional intercom mode, which should fully concern the requirements of the high-end consumers and make use of TCP/IP technology to realize video talking, diversified control and information exchange. In the meantime, the engineering design and guidelines should be provided for the system, which include the security control software to realize the value of digitalization, intelligence and integration.