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Wireless video surveillance, high-definition intelligent combination of the trendâ€”â€”www.apexis.com.cn by Guardlyer

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As we all know, high-definition network high-speed ball was gradually shine in the market, precisely because the market has raised the demands of high-definition monitor. Moreover, compared to traditional analog high-speed ball, high-definition network camera high-speed ball with a high-definition picture, broader coverage, easy to extend performance, intelligent analysis capabilities, to meet the high demand of the users on the market.

In terms of resolution, the picture clarity of the hd ip camera Network Speed ??Dome achieved a qualitative leap, can provide users with more screen pixels, showing a richer picture detail. Compared with analog and SD High Speed ??Dome, 1 million-pixel high-speed ball resolution of 720p or more generally, to avoid the original monitor screen is not very clear, even in some places there are fuzzy phenomenon to distinguish clear.

With economic development, security and other video technology upgrade progress, many large, high-end wireless video surveillance projects have opted for a high-definition network cameras, intelligent HD network mini ip camera technology is a highly technology-intensive technology .

The rear two development trends in the development of video analysis technology, the product gradually integrated a smart front and intelligent, intelligent front is the main trend. From the application of the occasion, intelligence analysis is not only for security monitoring camera, but also can be used for the management of the enterprise or industry. Such as license plate recognition, face recognition, can be used to mount, access control, a particular person or vehicle entering and leaving a specific area of ??statistics. Retail or business processing queue length estimation, work the hall staff density estimates, as well as shopping malls, or warehouse period, the regional customer density statistics, etc., can allow management staff to make appropriate management adjustments. Video analysis of conventional intelligence analysis based on the need for a particular application, or even a particular occasion in particular the development of these application-specific development, from the principle of the algorithm, will intelligent analysis method is fundamentally different.

For example, in the specified location, monitoring whether a vehicle through, which is equivalent to the function of the sense coil, also known as "virtual loops" can not be used across the line in the intelligence analysis function, its detection rate is up to a sense of less than the requirements of the coil. Based detection technology, Peking University Shenzhen Graduate School, the development of "virtual loop" technology is used in Tongling, Anhui Province, live test, Party A the desired technical requirements, and the birth of a number of patented technologies , and even based image processing algorithm patents; another example, Peking University Shenzhen Graduate School, and the Hong Kong Productivity Council to develop the car pedestrian detection algorithm, using the HOG and HAAR features a combination of fast-moving and changing context of , complete the accuracy of detection and early warning of pedestrians and successful car experiment, highly recognized by the Hong Kong Department of innovation.

Shenzhen Ryan Technology Co., Ltd., said high-definition

ip network camera as an intelligent analysis platform front-end, the combination of the two applications, intelligent analysis of a wide range of applications and promotion, but also further promote the development of high-definition network camera, a network camera relative an important advantage of the analog best ip camera.

As early as 2006 years ago, some enterprises have already seen the figures of the security of this trend, and is committed to the research and development of high-definition network cameras, and gradually guide the development trends of industry, high-definition intelligent network

ip control. At this stage, with the addition of the application of intelligent technology, the joint application of the multi-network integration, networking and other new technologies, monitoring systems will become increasingly mature.

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