Video Conference Solution

Application Area

With the popularity and development of the network and image technology, the application of video conference system has been developed into a variety of network-based interactive video applications (Remote Video for short). Remote video supports dynamic multi-server cluster deployment and provides multiple high-performance servers. It has good interoperability, better security, high reliability, high stability and support different conference mode.

Remote Video system has been widely used in network scheduling and managing, marketing and promotion, emergency relief, video command, remote education, remote medical treatment, remote collaboration, remote access, etc.. It has achieved fast communication, fast decision-making, improved work efficiency and has brought remarkable economic and social benefits for all walks of life.

Solution Features

1. Progressiveness

Support the most advanced H.323, SIP dual work line in the industry, using the most advanced H.264 High Profile video encoding technology, which can be applied in different IP network band width conditions, supporting G.722.1 C, G.719, MPEG4 AAC-LC / LD-fidelity audio coding technology.

2. Security

A high degree of security measure and encryption system can effectively resist network virus and hacker attacks, with a strict authorization and authentication mechanism, the system can be compatible with a variety of network encryption machines.

3. Reliability

System's core equipment MCU and terminal telecommunication embedded operating system can guarantee 7*24 hour uninterrupted operation. In addition, the system also carried out reliability design for the platform, lines, terminals and other aspects, including the platform power supply, the whole machine, network port, transmission lines and other redundant backups, which fully guarantee the reliability of the system.

4. Extendibility
The Design gives full consideration to the future network and services development, and allows sufficient room for expansion, which can easily extend and upgrade the video system to meet the needs of future video applications and protect users' investment to the greatest extent. For example, the system extends the video conference to the office desktop and mobile terminals on the existing platform to realize video communication anytime, anywhere.
Chapter 4 Case Study

Cases for Video Conference and Ad Display

Upanel1.5 | 63 sqm | Conference Center in London AVIVA Center

UTV1.9 | 13.824 sqm | Qatar Doha
UTV1.9 | 5.3 sqm | SMAISON

UTV2.5 | 24 sqm | Conference Room of Shenzhen Hi-tech Park

UTV2.5 | 10 sqm | Conference Room of Weifang Procuratorate
UTV2.5 | 45 sqm | Conference Center for Wuhan Government Offices Administrations

UTV2.5 | 38.169 sqm | Conference Room of Yunnan Branch of China Telecom

UTV2.5 | 11.52 sqm | French Aerospace Technology Exhibition
UTV2.5 | 6 sqm | FENDT Exhibition Hall

UTV2.5 | 3.84 sqm | Raleigh Shopping Mall

UTV2.5 | 6 sqm | ROCHE Convention
UTV3.0 | Lincoln Booth – LA Auto Show

UTV3.0 | Ford Booth - India Auto Expo

UTV3.0 | South Korea's Largest Indoor Golf Hall