Broadcasting Room Solution

Necessity

Television and broadcast industry is one of the fastest-growing industries in terms of information technology, and its typical feature is the application of quantities of digital signals. At present, broadcast transmission has become a combination of wireless broadcasting, satellite coverage, wired digital television and network connectivity. The information types monitored include TV and broadcast programs, real-time monitoring for site work data, TV program performance monitoring and so on. Its main signal types are CCTV monitoring signal, TV HD signal and computer monitoring data RGB signal. With so many data information and video collection information, it is urgent as well as the trend for broadcasting and TV monitoring to achieve unified monitoring.

Needless to say, access multi-channel video and data information on the same system and integrated display and control will undoubtedly become the best choice for the construction of radio and television monitoring network.

Solution Features

1. Provide redundant configuration

The products possess abilities of module design and extension, and support hot swap of collection card and therefore decrease influence brought by faults.

2. Ultra high stability

The whole system adopts advanced technology and system framework of pure hardware, which is able to improve the reliability and security and support 24/7 running operations. Display screens need to possess redundant configuration of power and signal, by which to achieve real-time broadcast directing application during broadcasting in case of accidents during TV broadcasting like black-out and other problems.

3. Compatibility

The products are compatible with all kinds of video signals like VGA, DVI, HDMI and SDI. One display system can show video image signal, computer signal, network digital signal, cable TV signal and many other video and data information that need to be displayed, besides, it supports signal output like SDI, CVBS and so on, by which to achieve seamless fusion of signal with relay vehicle or SNG (Satellite News Gathering) and guarantee the high compatibility.
4. Color temperature adjustable. Color temperature can be adjusted according to practical conditions. The display's color temperature can be set within the range from 2,600K to 1,000K, which can match the lighting of television studio.

5. Adjust color automatically. Each display unit can exchange information and adjust its color automatically, which ensures the color uniformity of the display system and presents a perfect display effect.

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Chapter 4 Case Study

Cases for Broadcasting Room System

UTV1.6  |  23.04 sqm  |  TV Studio CHANEL Promotion, Sweden

UTV1.9  |  32.14 sqm  |  Belgium TV Studio

UTV2.5  |  71.42 sqm  |  BBC Studio of the United Kingdom
UTV2.5 | 63 sqm | General Elections of the United Kingdom

UTV2.5 | 20 sqm | NOS Station Euro Cup Broadcast, Dutch

UTV3.0 | 21.2 sqm | Nine Network - London Olympic Broadcast Studio
UTV3.0 | 3.45 sqm | TV Studio, Sweden

UTV3.0 | 19.58 sqm | Nine Network – Today Show Studio

Upanel1.5 | 7.53 sqm | KIRO BAM
Upanel 1.5 | 7.53 sqm | TV Station, Mexico

Upanel 1.9 | KIRO TV Studio, Seattle

Upanel 1.9 | 5.23 sqm | Sky TV Station, Italy