Panasonic will supply Vancouver 2010 venues with sound and image systems! Inside Vancouver the city is preparing for the Olympic Winter Games.

The XXI Olympic Winter Games will be held in Vancouver for seventeen days from February 12th to February 28th, 2010. A member of The Olympic Partner (TOP) Programme*, Panasonic will supply Vancouver 2010 venues with image systems, such as ASTROVISION Large-Screen Display Systems, plasma TV-based equipment for the transmission and display of content, and AV Security Equipment, as well as sound systems, such as RAMSA Sound Systems and Infrared Wireless Microphone Systems. Making full use of its advanced technical capabilities, Panasonic intends to add to the excitement of the Games played by top athletes from around the world and help ensure a safe, secure environment during the Olympic Winter Games.

Panasonic systems are making their debuts at test events and countdown events!

**Pacific Coliseum**
(Figure skating, Short track speed skating)

86 WS-LA3 RAMSA Large Array Type Speakers were used during the ISU Four Continents Figure Skating Championships held from February 2nd to February 8th, 2009.

**Richmond Olympic Oval**
(Speed skating)

A 42m² Mobile Type ASTROVISION Large-Screen Display System was used during the Richmond Winter Festival, a countdown event hosted one year in advance of the Olympic Winter Games from February 14th to February 15th, 2009. In addition, Panasonic systems will transmit and display content at indoor venues using plasma TV.

**Whistler Olympic Park**
(Biathlon, Cross-country skiing, Nordic combined, Ski jumping)

One 79m² ASTROVISION Large-Screen Display System was used during the IBU World Cup Biathlon held from March 11th to March 15th, 2009.

* A worldwide sponsorship programme.
Supporting the Vancouver 2010 Olympic Winter Games through high-definition, highly reliable performance as well as an environmentally friendly design!

Panasonic plans to install a large amount of AV Security Equipment at Vancouver 2010 venues. The equipment’s high-definition, highly reliable performance ensures a safe, secure environment for athletes and spectators that will visit the venues. Furthermore, the theme of environmental protection during the preparation of the Vancouver 2010 Olympic Winter Games is becoming more important than ever before in the history of the Olympic Games. With an environmentally friendly product lineup, Panasonic is able to contribute toward environmental protection.

Richmond Olympic Oval

Newly built as an Olympic speed skating venue, Richmond Olympic Oval opened its doors in December 2008. Panasonic installed its i-Pro series network cameras at the venue.

Panasonic promotes based on three aspects: prevention of global warming, effective utilisation of resources, and management of chemical substances. The environmental performance of Panasonic’s AV security equipment, including the i-Pro series, is also steadily improving. For example, compared with older surveillance cameras, network cameras have reduced CO₂ emissions by 42%. Likewise, compared with older digital disk recorders, network disk recorders have reduced CO₂ emissions by 33%*2.

Vancouver is a city located on west coast of Canada. Although ranked as the third largest city in Canada with a population of approximately two million, Vancouver is often described as “the best place to live in the world” since it is surrounded by ocean waters and mountains and continues to preserve its harmony with the great outdoors. Although it snows in the surrounding mountains, the city area is blessed with a wonderful climate since it receives very little snowfall.

System Highlights

1. Installation labour time is decreased due to the smooth construction that only an IP system can make possible.
2. The system was built by utilising WJ-ND400 Network Disk Recorders. Multi-input capable and able to record in high-definition for extended periods, they provide excellent cost performance.
3. WV-ASM100 Management Software provides a user-friendly operating environment, allowing users to operate cameras and recorders together.

About Vancouver

Vancouver is the largest city in the province of British Columbia and the third largest metropolitan area in Canada. It is one of the most ethnically diverse cities in the world and is home to a large Francophone community. Vancouver is surrounded by the Pacific Ocean, the Georgia Strait, and the mountains of the Fraser Valley to the north and northwest, and the Coast Mountains to the east.

Features of the i-Pro series

- Providing High-definition, High Efficiency, and High Reliability
  - The i-Pro series IP Surveillance Systems offer the following features:
    - Allow operators to accurately identify subjects by realistically capturing facial features, clothing patterns, and colours [High-definition]
    - Provide excellent constructability and operability [High Efficiency] thanks to the following:
      1. Existing analogue cameras can be utilised when using an interface unit. (2) Reduced electrical power supply construction burden due to the utilisation of PoE hubs*1. (3) Flexibly responds to camera expansion and relocation. (4) The system allows operators to monitor multiple points together at once.
    - Panasonic’s technical capabilities are backed by an extensive amount of achievements in the AV security field [High Reliability]
  - Reducing environment impact through measures such as lowering CO₂ emissions
    - Panasonic promotes based on three aspects: prevention of global warming, effective utilisation of resources, and management of chemical substances. The environmental performance of Panasonic’s AV security equipment, including the i-Pro series, is also steadily improving. For example, compared with older surveillance cameras, network cameras have reduced CO₂ emissions by 42%. Likewise, compared with older digital disk recorders, network disk recorders have reduced CO₂ emissions by 33%*2.

- Info!

*1 Applicable models: WV-NP240 Series, WV-NF284, WV-NW484S, WV-NF302, WV-NP304
*2 Reductions in CO₂ emissions have been calculated based on the comparison of greenhouse gas emissions (kg-CO₂) (defined as the CO₂ emissions of the materials used, transportation of products, and power consumption during product use) of the WJ-NP304 Network Camera and the WJ-ND200 Network Disk Recorder against those of older models. The older models of such products are surveillance cameras from 2003 and digital disk recorders from 2004.