



CASE STUDY



DAHUA TECHNOLOGY CAMERAS PROVIDE WINNING VIDEO SURVEILLANCE SOLUTION FOR 2016 RIO SUMMER OLYMPICS

When the Olympic Games come to town, the welfare of people and property are of paramount importance in both the planning process and during the event. The 2016 Summer Olympics in Rio de Janeiro draws 500,000 foreign visitors and sells \$7.5 million tickets to people who will watch 10,500 athletes compete. There are 85,000 security personnel on hand, and the overall budget for security totals \$895 million.*

CHALLENGE

To ensure a secure environment for the 2016 Summer Olympic Games, Rio de Janeiro government officials sought a comprehensive video surveillance solution to monitor a wide expanse of areas inside and around the Olympic Park in Rio de Janeiro—Copacabana, Maracanã, Deodoro, and Barra da Tijuca. Other venues that required monitoring included the Olympic Stadium, Sambódromo, Maracanãzinho Olympic Centre BMX, Beach Volleyball Arena, Olympic Village and Paralympic, as well as the surrounding roads that are for exclusive use by the officials, athletes, and official press.

The Olympics security project required cameras that could produce high definition (HD) images and be capable of supporting intelligent video analytics, which is key when monitoring events with a high flow of foot traffic.

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"The Dahua Technology products were amazing during the entire operation. Their image quality is much better when compared to other brands"

Thompson Peixoto, Rio de Janeiro City Hall Security Officer

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PRODUCTS USED: DH-IPC-HDBW41A0EN-AS-0280B



DH-IPC-HDBW52A0EN-Z



DH-SD65A230N-HNI



DH-SD65FA230FN-HNI



NKB1000



SOLUTION

Rio de Janeiro government officials selected Dahua Technology, a high-value, total security solutions provider with the second largest market share worldwide (according to research firm IHS), because it fulfilled all bidding requirements and was regarded as the best solution that offered the highest performance.



Dahua provided 1,823 high-resolution IP, dome, and 30x optical zoom pan-tilt-zoom (PTZ) cameras for the project. The Dahua cameras were installed in strategic locations where security personnel could observe the Olympic complex

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"We look forward to other opportunities to cooperate with Dahua in the future."

Thompson Peixoto, Rio de Janeiro City Hall Security Officer

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 and its environments. The video feed was transmitted through a private network to the central monitoring stations inside Olympic Park and the Rio de Janeiro Operation Center, where people and objects could be clearly identified to help safeguard athletes and visitors. The Dahua total security solution assisted authorities in identifying medical emergencies, vandalism, and other situations where a response team was required.

The video surveillance system was designed to capture high quality HD images. The cameras have advanced technology to support embedded intelligence functions, such as sending an alert to central monitoring when it detects abandoned or missing objects, unauthorized entry into a prohibited area, and other defined activities. The cameras also supported multi-

streaming that allows images to be recorded and monitored in real-time high resolution, so that operators had a clear and well-defined view of both live and recorded footage.

BENEFITS

In addition to its video surveillance products, Dahua also contributed to the 2016 Rio Olympics security project by providing full technical and commercial support that included training operators and managing settings adjustments. Dahua also coordinated a partnership between the integrators and the Rio de Janeiro government to provide comprehensive integration between the cameras and third-party platforms deployed in this project.

