

Dahua Technology Delivers IP Solution for Turkey's Sinan Erdem Dome

 **Location**
Istanbul, Turkey

 **Industry**
Sports / Leisure

 **Products**
SD6AL230F-HNI 2MP 30x Starlight Laser PTZ Network Camera
IPC-HFW2421R-ZS 4MP WDR IR Bullet Network Camera
IPC-HDBW2421R-ZS 4MP WDR IR Dome Network Camera
DSS4004 Surveillance Management Center
ITC237 2 Megapixel Full HD WDR Access ANPR Camera
IPC-HDBW5431EP-Z 4MP WDR IR Dome Network Camera
NVR616R-64-4KS2 64/128 Channel Ultra 4K H.265 Network Video Recorder
NKB3000 HD Network Control Keyboard
M70-4U-E Matrix Video Management Platform



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► BACKGROUND

The Sinan Erdem Dome is the largest multi-purpose indoor venue in Turkey. Located in Istanbul, the dome has a seating capacity of up to 22,500, and hosts a number of events, including concerts, tennis matches, and basketball games.

Upon being chosen to host a number of games during the European Basketball Championships 2017, which is the chief

European men's international basketball competition held biannually, the Sinan Erdem Dome looked to strengthen their security system. The dome's large-scale presented high surveillance requirements such as support for 64 split-screens, hundreds of cameras, and a back-end storage and management infrastructure that could support the entire system.

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► SOLUTION

Dahua Technology provided the dome with a complete, high-end monitoring system that included a total of over 600 IP, speed dome, and ANPR cameras on the front-end, and NVRs, video walls, video matrix devices, and related control accessories on the back-end. To better protect the stadium from a variety of threats, the solution employed a number of smart detection technologies such as intelligent analysis, which includes motion detection, tripwire, intrusion, and

smart-tracking functionality, and ANPR, which recognizes license plates numbers and checks them against a central whitelist and blacklist. Plate records are also stored on NVR devices and can be searched through by security officers. In less than a week, the local team completed installation, testing, and customer training, and the dome was fully ready to securely host international sporting events.



► RESULT

In under a week, the dome's surveillance system was constructed with the latest cutting-edge technology, increasing its appeal to international events seeking venues. Dahua smart technologies automated a great number of surveillance operations, such as automatic car barrier operation enabled by ANPR camera integration, thus greatly reducing the strain on security workers. Every corner of the stadium was covered by Dahua cameras providing high definition video, ensuring zero blind spots and optimal detail collection. In addition, Dahua Technology showcased its customer-centric philosophy through supplying high-quality customization, technical support, operation training, and after-sales service, which guaranteed the expertise of system operators as well as long-term reliability and quick issue resolution.

* Design and specifications are subject to change without notice.

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