

Hanwha Techwin's reliable A/S System enables Safe Monitoring even in Large Hospital



· Customer : Samsung Medical Center
 · Location : Seoul, Korea
 · Vertical : Hospital

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- A staff of Samsung Medical Center

Challenge

Since its opening in 1994, 'Samsung Medical Center (SMC)' has been the leader in all fields of medicine, ranging from treatment, research, education to medical service and is the pioneer of advancements in the Korean medical field. SMC is currently recognized as the most remarkable hospital in Korea. The hospital is composed of the Main Building, Annex, Cancer Hospital and Proton Center, and there are plans to expand its facilities with the new Outpatient Treatment Center. As of 2016, the hospital had nearly 7,800 employees, 1,979 beds and an daily average of nearly 8,000 outpatients, and with the objective of establishing a world-class medical complex by 2020, SMC is pursuing the enhancement of Korea's medical competitiveness as well as becoming a global medical hub linking the medical and bio industries together. As SMC is comprised of a massive area where various emergencies may occur and a large number of patients and visitors come and go, continuous inspection of its systems and periodic system renewal was mandatory. Therefore, it was critical to select a partner capable of providing outstanding performance as well as a reliable A/S system.

Solution

Currently, Hanwha Techwin products are installed in every building including the Main Building, Annex, Cancer Hospital, Emergency Room, Proton Center, SMC's Future Medicine Hall, etc. Each product was installed to monitor the safety of visitors and patients and to manage various facilities. In hallways, waiting rooms, treatment rooms and wards, which compose the majority of space in each building, dome cameras in the Wisenet lineup,

SND-6084 (Wisenet III) and SND-L6083R (Wisenet Lite) are installed. Both models are small interior dome-type cameras that do not clash with the interior or make patients or visitors uncomfortable, and they are capable of transferring stable compressed video in Full HD resolution. In particular, SND-6084 supports the P-Iris function, which is capable of monitoring far and near objects clearly, allowing for prompt response to potential accidents indoors. The SND-L6083R includes a Hallway View function that provides an image with vertical expansion utilizing the 9:16 ratio which optimizes monitoring performance even in narrow passages such as hallways connecting treatment rooms and wards.

Result

A staff of SMC stated, "We've been using Hanwha Techwin's security products since the hospital's opening. Many other companies have been considered as candidates whenever a system renewal is required since the time when analog products were used, but we have chosen to use products and solutions from Hanwha Techwin up to present day." The staff further added, "As the hospital is massive, even employees take months to become fully familiar with its structure. It is key to be able to properly monitor and manage this massive area. So good performance is a must. It is the foundation for everything. As Hanwha Techwin has a product lineup with variable products and a reliable A/S system, it is one of the first companies we consider when a system renewal is required."

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Monitoring over large areas

At hospital entrances, lobbies with revolving doors, products capable of fast monitoring over large areas were required due to the large floating population. SNP-6320 and SNP-6320RH are 32x (4.44 -142.6mm) network cameras with a powerful zoom and a fast lens revolution speed which are ideal for monitoring such areas. Equipped with IR LED, SNP-6320RH minimizes blind spots as it can identify targetseven in areas with limited or nearly no light, making it ideal for underground parking lot entrances and isolated building area applications.

