

Extreme in Action: Hospital Rooms Get Night Vision



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“Selectron’s hospital customers that have these units are very pleased with their performance. The EX36N, a ‘No Grip’ Integrated Day/Night with ‘invisible’ infrared illumination is well-designed for behavioral health units, sleep labs, emergency holding rooms and other applications requiring 24/7 video monitoring.”

Gary Clark, Senior Sales Engineer, Selectron

Customer: Major Oregon and Washington Hospitals

Sector: Healthcare

Product: EX36N Corner-mount No-Grip Camera

Hospital Rooms Get Night Vision

Hospital rooms must be well-lit for video surveillance to deliver usable images. At the same time, the rooms must be dark at night so patients can sleep. Surveillance equipment must also be designed for maximum durability and safety. To achieve effective surveillance video, major Oregon and Washington hospitals use the EX36 Corner-mount No-Grip Camera from the Bosch Extreme CCTV series in their Behavioral Health units, Sleep Research Labs and ER Holding Rooms.

Problem: Seeing in the Dark

- Sleep researchers must observe patients while they sleep
- To avoid disturbing patients, visible lighting cannot be used
- Color performance required during daytimes
- High resolution images required at all times

Solution: Corner-mount Integrated Day/Night Performance

- Integrated camera and infrared illumination for day and night
- 940nm infrared invisibly illuminates a room
- Patients can sleep undisturbed while doctors and researchers observe and monitor as if it were day
- Outstanding high resolution video in color by day and in active-infrared monochrome by night
- Safe corner mount design, vandal resistant and impossible to grip

Results: Safe, Effective Surveillance in Day or Dark Conditions

- Improved monitoring and observation techniques at hospital
- Decreased disturbance to patients
- Upgraded general surveillance
- Risk mitigation through enhanced safety for patients and staff



The EX36N uses active-infrared to ‘invisibly’ illuminate a room, important for sleep research.

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