

Highly efficient to the smallest details

Panomera® incorporates clever camera technology developed specifically for comprehensive video surveillance of expansive areas. One single multifocal sensor camera can monitor wide areas over great distances and produce pictures with impressive resolution quality. You can adapt the video system to the implementation area. Installation and financing is suitable for large and small stadia.



"In the event of spectators breaking the law the high-definition Panomera® cameras help us to identify the wrongdoers. Thanks to the excellent quality the image material evaluated by the police is also admissible as evidence in court."

Beni Blättler, Security Officer FC Lucerne

Video surveillance as a service

The high demands made on video surveillance systems is rivalled only by the individuality of our solutions – for temporary events or permanent solutions in stadia, grounds or factories. We sit down with you and define the necessary requirements for your solution. Then we take care of the planning, construction and finance. We also make sure that everything runs smoothly, so you can enjoy complete security and peace of mind.

Additional benefits

- > Our video systems are easy to use; they are up and running within the shortest time.
- > We can provide all the material, including the video management server, on request.
- > Our subsidiary Swisscom Event & Media Solutions supplies most of the technical services for event ICT infrastructures, enabling Swisscom to provide a one-stop solution.
- > We can also provide the full service package if you wish: we keep the technology up-to-date and ensure that pictures and information are always easily available 24/7.
- > Data hosting: data is archived on a server in Switzerland.

We will be happy to advise you.

Your contact person

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Panomera® — proven security solution for sports stadia

Dallmeier's Panomera® multifocal sensor technology is already used in many stadia around the globe. Swisscom Broadcast now brings this innovative camera technology exclusively to Switzerland.

Video surveillance systems have to satisfy the highest technical and legal standards to guarantee the safety of fans and players. Swisscom Broadcast now brings Dallmeier's patented Panomera® multifocal sensor system with its innovative proven security technology to Swiss sports stadia.

Panomera® cameras see more

The performance of the innovative sensor system far exceeds that of conventional camera systems and uses several sensors, each with different focal lengths. This technology permits high resolution surveillance of a huge area from just one installation point. Distant areas are shown in the same quality as objects and people close up, which makes it faster to track incidents and easier to identify people clearly. If there is an incident, witnesses can be interviewed while they are still in the stadium or culprits apprehended immediately. Recordings are processed within a few seconds for investigating officers.

Maximum efficiency down to the last detail

- > Full video coverage of extensive grounds thanks to multifocal sensor cameras.
- > Cost-saving fast and easy infrastructure installation.
- > Top picture quality near and far; exceptionally high resolution up to a distance of 200 metres.
- > Same-time continuous recording of the whole picture and all details.
- > Multi-user function: several operators can navigate with the same camera at the same time and freely select the recording and zoom area.
- > Easy intuitive operation with mouse and joystick.
- > Transmission to mobile terminals.
- > High availability of picture material in real time or as recording.
- > Video system customisation to stadium size and customer wishes.

Smart video technology for stadium security

Flexible solution

The Panomera® system adapts to the stadium size and stadium operator requirements. The multifocal sensor system can be individually scaled.

The Panomera® mobile communicator allows security staff to receive the pictures via smartphone or tablet anywhere inside or outside the stadium.

Permanent recording

The cameras permanently record the whole picture, even if only one section is observed live, so the operator can focus on one view without missing anything else.

Panomera® multi-user function

Any number of operators can use the same camera. They can select their own view and zoom and swivel the lens as they like, making it possible to survey various areas at the same time with one camera.

Wide range with just a few cameras

Top picture quality of close-up and distant pictures, exceptionally high resolution up to a distance of 200 metres and a wide-angle lens mean one single camera can seamlessly monitor the guest sector. Two other cameras have the home sector in view. Peripheral areas can also be shown clearly without distortion.

Efficient cost-saving infrastructure

The low number of cameras saves installation and maintenance costs. It also means the system is installed and ready for action within a short time.

Easy to use

The system is operated intuitively with mouse and joystick.

High availability

The picture material is continually available in real time and as a recording.

