No license & no update costs

Made in Germany

Professional Video Management System (VMS)
MxManagementCenter

MOBOTIX IP Cameras

German System Manufacturer of Professional Video Management (VMS) and Smart IP Cameras

MOBOTIX is a software company with own IP camera products, all made in Germany. Fields of application include high-security areas like prisons, airports or soccer stadiums because MOBOTIX systems have no restrictions in terms of number of users or cameras. The professional VMS and the video analysis are parts of the system offering and free of charge without any license fees. In addition, software updates are free via download and transform every MOBOTIX product into a future-

proof investment with one of the highest returns on investment. Since 2015, all MOBOTX cameras have used 6MP **"Moonlight Sensor Technology"**, which is very light sensitive and produces brilliant videos even in difficult low-light conditions without any motion blur.

6MP Sensor

Standalone System incl. Network Recording

SD Ring Buffer

NAS Ring Buffer

Video Sensor

Recording

Video Analysis

Alarms

Less Infrastructure

Less Energy

Lowest System Costs

Decentralized Architecture Increases Reliability and Reduces System Costs

Since 2000, MOBOTIX IP cameras have been known for their high-quality video performance and low bandwidth consumption thanks to their "**decentralized architecture**". The cameras themselves execute video analysis & event detection **internally**, and manage their video ring buffer on a NAS or server by themselves. This reduces the workload of the VMS workstation and network dramatically. Network fluctuations or longer interruptions are compensated by an onboard video buffer (SD card). As a result, MOBOTIX video systems are very reliable and need fewer servers, fewer workstations and less network infrastructure than other brands. This reduces the overall system costs as well as power consumption and the total energy bill. Encrypted recording by the camera itself guarantees data security and privacy.

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Grid

Playback

Graphic

No limits

MxManagementCenter
Professional Video Management System

MxManagementCenter • A New Milestone in Professional VMS Technology

In 2005, MOBOTIX launched its first professional video management system which is still being used in thousands of installations around the globe. With the professional and platform-independent VMS software "**MxManagementCenter**" MOBOTIX set new standards in summer 2015. This is a new milestone in the professional VMS industry because of its gesture and drag&drop user concept, which makes it very intuitive to use. The MxManagementCenter (MxMC) has no system limits and can handle hundreds of cameras and users. It offers at the same time the integration of third-party cameras using the ONVIF protocol. The MxMC can manage multiple monitors and video walls. Ultra-fast playback and post video search is implemented as well as a POS (Point-of-sale) interface. This allows to synchronize the recorded cashier data with video. A big part of the development was the new innovative configuration module that reduces the setup time for large camera systems by a factor of ten or more.

Standard Codec (e.g. H.264)
Motion blur, loss of details, license costs

MxPEG **MOBOTIX MxPEG**
No motion blur, no loss of details, license free

6MP Video

MxPEG • The Optimized Video Codec for Security

Since 2003, MOBOTIX has used MxPEG, which is a video codec especially developed for security applications to ensure the validation of the recorded images. MxPEG is open, freely available and integrated in all main third-party professional VMS of the market. In contrast to H.264, it also offers the shortest reaction time between scene and screen and supports video resolutions of up to 6 megapixel and higher.

ms

Shortest Reaction Time
from scene to screen