

Mobile Operations Control System for Central Operations Management in Dangerous Areas



Funkssysteme Meyer

The modular construction of our patented system allows for the application and connection of many different cameras (colour and infrared cameras) as well as measuring equipment (for example with weather stations and GPS receivers) in combination with high broadcasting performance of radio transmissions and reception (optionally also encrypted) from several discretionary stations that can be individually accessed, controlled and recorded. The forwarding of the signals occurs through UMTS, GSM or satellite, for example, in main fire stations or operations headquarters.

Flexibility and maximum compatibility as well as freedom without cables are essential advantages of our radio-transferred system that we have developed and tested together with the Institute of the Fire Department Saxony-Anhalt Heyrothsberge and with technical support through VTQ Videotronik in Querfurt and with the practical experience of the Fire Brigade, Frankfurt am Main.

At the same time, all-round optical information with our mobile operations control system forms a foundation for the right decisions. Quick action can save lives and minimise damage.

Today, our system is currently in operation worldwide.

The screenshot shows the website interface for Funkssysteme Meyer. At the top, there are navigation tabs numbered 1 to 8: home, advantages, features, references, examples, videos, gallery, and contact. The company name 'Funkssysteme Meyer' and 'Wireless Transmission Systems' are displayed. A small portrait of Otto Meyer, CEO, is visible. Below the navigation, the main heading reads 'Mobile Emergency Guidance System for Central Operation Control in Dangerous Areas'. On the left, there is a vertical stack of flags representing various countries: Germany, UK, France, Italy, Spain, Russia, and Arabic. The main content area is divided into three columns:

- Transmission from mobile color or infrared cameras (analog or digital)**
 - Wide radius by high transmission power
 - Receiving station as portable unit (case version) or fixed unit in a vehicle
 - Reception and control at/from multiple stations is possible
 - Switching between selected cameras at any time
 - Simultaneous recording
 - Wireless transmission of received imagery, even by satellite
 - Mobile operation at any location
 - Fastest relocation possible
 - Optional encryption of video signals
 - Simultaneous video and audio information from the operation site is the basis for proper decisions, can save lives and protect material values.
- Portable Helmet Camera**
 - Can be combined with infrared camera
 - Integrated duplex voice communication
 - Separately accessible via radio
 - Operable inside buildings, cellars, underground, tunnels
- Radio-controlled camera on pan / tilt head (also available with cables)**
 - Panning, tilting, 25x zoom, focus and aperture are controllable by radio
 - Can be combined with infrared camera
 - Range of application: on turntable ladders or telescope mounts, inside buildings, wide area surveillance, natural disasters, terrorism prevention, firefighting, search for missing people and fire origin.

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