



MR 3040



DVB AG

Data Recorder MR3040

- Mobile Video Recording and Live Video via IP Link

Description

MR 3040 offers the latest digital recording technology for added security in mobile and stationary surveillance. An external modem turns the MR 3040 into a station for live transmissions of video images via UMTS or network. Rugged design and new, patented software features make the MR 3040 not only the ideal choice for use by authorities or in public transport, but also for stationary observation of industrial facilities.

The MR 3040 was specially developed for applications under extreme conditions. The system is compact, fanless and therefore works with a very low power consumption. Patented data back-up systems and detection algorithms provide an optimum of dependability and security.

This Video recorder is excellent suitable for our SMS Video Camera Systems.

Applications

- Public transport such as bus, train, railway
- Video surveillance school bus, logistics, building equipment
- Leisure vehicles – Camper, RV
- Fleet vehicles for police, military, fire department & emergency operations

Key Features

- Long term reliability
- Safety software
- Random storage media in MPEG4 and MJPEG
- GSM and network compliance, wireless data transmitting
- Secure data channel transmitting
- Wide operational range
- Shock and pulse resistance

* MR3040 constructed and manufactured by D-Research Berlin, Germany



In mobile operation the MR 3040 helps to make public and private transport systems more secure. Its video data is accepted in courts of law.

Low power consumption, fanless design and the connection of communication systems make the MR 3040 the ideal choice for stationary applications.



Connectivity

- up to 4 video inputs
- 2 video outputs (FBAS) for connection of two separate monitors
- LAN/WLAN
- Serial interface and RS 485
- Serial interface RS 232 (1 Mbit) - modem interface
- IBIS interface (Integrated Board Information System)
- 2-channel audio input
- Digital I/O: 6 sensor inputs,, 4 switch outputs
- Rack for exchangeable harddisk
- Board voltage input between 12 VDC and 24 VDC
- 12V camera power supply (up to 4 cameras)

Software

- Completely backed-up recording and transmission of video data
- Watermark (identification) / manipulation
- Motion detection and camera sabotage detection system
- Patented recording failure control and automated video data back-up

Tests, Approvals and Certificates

-  **EN 50155** (Federal Railway Authority)
-  **E1** (Federal Motor Transport Authority)
-  **GL** (Germanischer Lloyd)

Transmission Capacity - Wireless Configuration

System variation	MR3040 UMTS/CDMA 2.0	MR3040 ISDN	MR3040 WLAN
Frame rate	1-7	5-7	25
Network	UMTS/CDMA 2.0	ISDN	Ethernet
at bandwidth	64 kbps upload	64 kbps	10 Mbits
Audio	Recording only		