

Mobile Technology

“How intelligent is your video?”

Mobile Technology

CCTVware Mobile is a digital video recorder designed specifically for the mobile environment. Transportation properties worldwide are choosing Loronix's CCTVware digital video recording technology because our proven technology provides solutions to numerous security concerns in the transportation industry.



Mobile Digital Recorder

Loronix CCTVware Mobile system is a Windows NT based system consisting of two main components: the Mobile Digital Video Recorder (MDVR) and the Video Review Station (VRS).

The MDVR is an industrial computer specially designed to digitize, compress, and record video at up to 8 color or black-and-white cameras onto a removable hard drive, the Data Pack. This system also provides an option to record audio. The MDVR does not require operator intervention except to exchange Data Packs when reviewing stored video. The MDVR communicates on all standard PC communication interfaces, and integrates with CCTVware Enterprise solutions, providing a cohesive system for fixed and mobile environments.

The Video Review Station (VRS) allows the operator to simultaneously review the recorded video and alarm events from up to 4 cameras in a continuous loop with no human intervention. You can also configure your system to record and store alarm video from multiple camera inputs. No camera switching is required.

The system ensures video integrity through the CCTVware Enterprise Authentication process which performs a mathematical authentication algorithm to produce a “fingerprint”. This fingerprint is compared to the fingerprint created and stored when the video was originally captured by the recorder. If the two fingerprints are identical, the video is verified. If the two fingerprints are different, the video is failed, indicating that the video has been altered. An entire video clip may be authenticated or just individual segments.

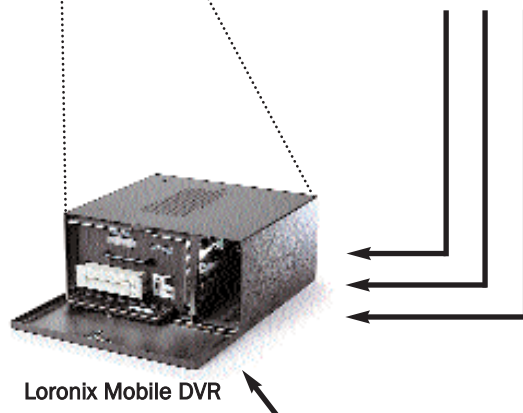
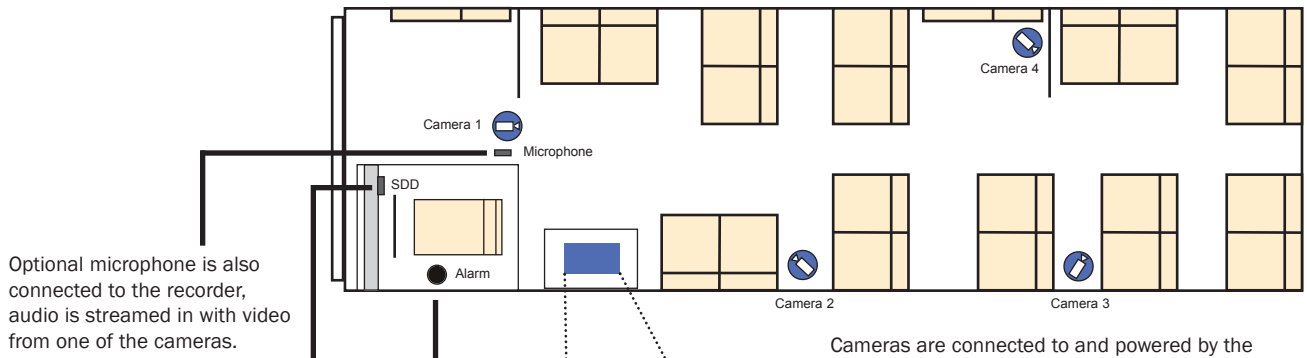
SPECIFICATIONS

Operating Systems.....	Windows NT 4.0
Video Compression Type.....	Wavelet
Video Inputs.....	8
Audio Inputs.....	1
Frame Rate(7.5 fps)/Input (all inputs). 0.5-7.5NTSC*, 0.5-6 PAL	
Resolution (NTSC).....	360 x 240, 720 x 248
Resolution (PAL).....	360 x 288, 720 x 288
Recorder Dimensions (HxWxD).....	6.4" x 10.8" x 13.5"
External Housing Dimensions (HxWxD).....	7.2" x 15.5" x 13.8"
Activity Detection.....	Yes
Activity Scan (on stored video).....	Yes
Live Video Streaming.....	Yes
Video Authentication.....	Yes
Rack Mountable.....	Yes
Redundancy/High Availability.....	Yes
Event Alarm Recording.....	Yes
Pre & Post Alarm Recording.....	Yes
Archiving Duration.....	Up to 7 days
Alarm Inputs.....	8
Alarm Outputs.....	4



With the Loronix Mobile system segments of video data can be “flagged” and multiple camera shots/angles can be viewed at one time, allowing for maximum surveillance.

Transit Vehicle (overhead view)



Loronix Data Pack stores video from the Mobile DVR, including alarm video. Data Pack is removed and inserted in a Review Station for video playback.



Loronix Review Station is used to configure the Mobile DVR, and to retrieve and pay video from a Data Pack.



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