

ReDAT

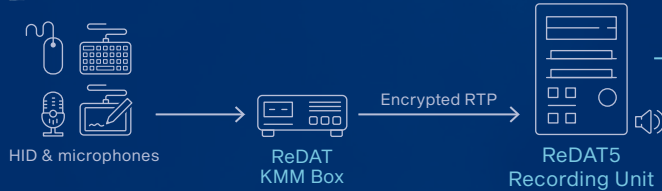
ReDAT KMM Box

Hardware recording of USB HID (Human Interface Devices) communication devices such as mouse, keyboard, touchscreen and microphone recording



HID RECORDING

Monitoring of HID elements such as keyboards, mice or touchscreens that use the USB interface is possible thanks to the ReDAT KMM box. The box records events such as: keystrokes on the keyboard, the direction and intensity of the mouse movement, mouse click, scroll wheel, movement around the touchscreen and more. The probe software completes the event identification and sends the processed events to the central storage using the TCP transport protocol.



Within the ReDAT eXperience application platform, it is possible to perform other operations with records, such as: search, filtering, export, etc.

PLAYBACK

Recordings from microphones and HID devices can be reproduced, for example, using the ReDAT eXperience application platform, either separately or synchronously with other types of data (eg: audio from telephone or radio communication means, video recordings of workstation screens, text data of data logs, etc.).

TECHNICAL PARAMETERS

- Audio format aLaw 128 (16 kHz sampling).
- Support for TCP / IP, SRTP protocols.
- Software equipment - KMM firmware is stored on the SD card. The KMM configuration is also stored on the SD card. The KMM is not equipped with any other non-volatile memory. Firmware update or configuration change is possible by simply replacing the SD card.
- Inputs 2x USB, 1x microphone (phantom power 48V).
- Dimensions (H x W x D) 45 x 165 (190 *) x 164 mm
 - * width including mounting brackets
- Weight 1Kg.
- IPv6 support.
- Powered by an external adapter (support for redundant pair of adapters). Un 12V, I_{max} <0.8A.
- In the event of a power failure, the operation of the monitored HID is not affected (“loophthrough” support).

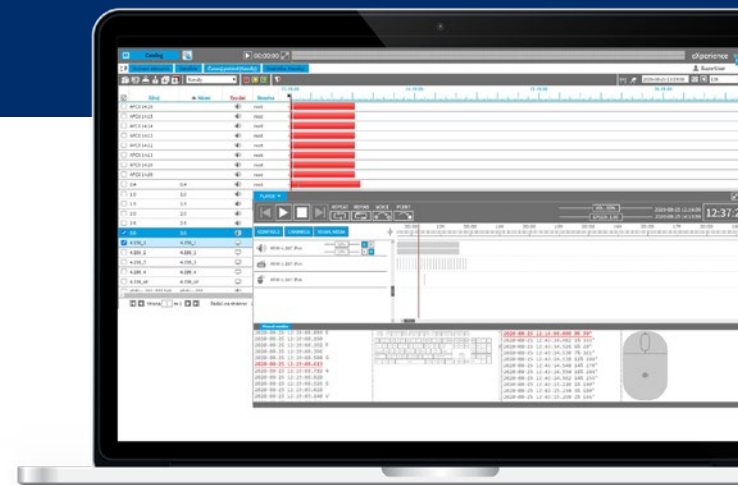
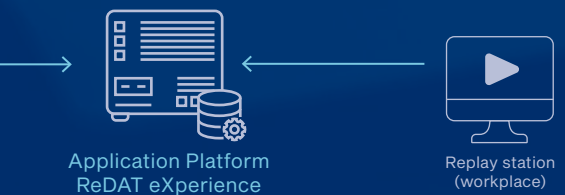
ReDAT Recording Systems, a business division of RETIA, a.s., which provides a sophisticated system for recording voice, screen and other relevant data. The system automatically analyzes the data to make it available to system users in a clear and structured way.



MICROPHONE RECORDING

Ambient microphones are used in workplaces to control technological and transport processes to document and evaluate critical situations.

Recordings from ambient microphones complement recordings from other inputs, such as telephone and radio communication lines, control terminal screens, and other data inputs. Recordings from ambient microphones help evaluate critical situations and thus contribute to increasing the safety and productivity of control processes.



- Passive monitoring - the probe electronics do not interfere and do not affect the communication between the HID and the workstation.
- Operating temperature 0 ° C to + 40 ° C.
- Storage temperature -10 ° C to + 60 ° C.
- Optical indication of the status of the external unit (KMM box).
- The status of the connected external units is diagnosed via the connected recorders.
- Monitoring the load of the recording channel, including the status of channel disconnection.
- Possibility of live listening and listening from the recording for audio input.

RETIA, a.s. is a Czech company based in Pardubice, founded in 1993. It develops, manufactures and modernizes radars, command and control systems, UWB localization and communication systems and ReDAT Recording Systems.