



D-LAB

VIDEO



// If you intend to do a study observing a person or a group of people D-Lab Video offers tools for the complete study circle. Define age, gender, experience etc while planning, receive data from different kind of video cams and record & analyze the video channels synchronously. Live view of up to four Full HD cameras is possible and you can even operate your PTZ cameras directly from D-Lab without a third party program.

D-LAB VIDEO

D-Lab data acquisition platform for behavioral research provides you with efficient and reliable support through all phases of your ergonomic and usability studies. It helps to plan your studies, record data from various channels and generate the final results via automated analysis. D-Lab can cope with different frequencies for each of the data channels, works across multiple subjects and records all input data synchronously. With its modular structure it can be used for just one sensor type – such as D-Lab Video – or in combination with many other input channels like eye tracking or audio.

Multiple video cameras supported

VIDEO

DVI signals

PAL/NTSC cameras

Screen casts

USB webcams

IP cameras, also with PTZ control (with ONVIF X interface and RTSP)

PLAN

Definition of coding scheme using behavior groups, behaviors and actors

Definition of Tasks

Group subjects in different categories

Live views of all attached cameras

Add attributes to the coding scheme (numeric and nominal)

PTZ controlling from D-Lab (for IP cameras)

MEASURE

Live views of all recorded cameras

Real time behavior triggering using key codes

Real time comments

Real time task triggering

PTZ controlling from D-Lab (for IP cameras)

ANALYZE

Behavioral analysis based on behavior groups, behaviors and actors

Behavioral analysis based on continuous analysis

Behavior triggering using key codes

Calculation of statistical metrics for behavioral analysis

Export of all recorded videos

Export of behavioral analysis statistics

Export of the coded data

Playback of all recorded videos

Task based analysis

Task based data export

Time line visualisation of coded video data

Time Line visualisation of triggered tasks and events

Behavioral analysis based on video sampling

Behavioral analysis using also attributes (numeric and nominal)
