

VIEW POINT SYSTEM

MAKING FUTURE REALITY



VPS LITE FOR TRAINING & SIMULATION

With its lightweight design and powerful performance, the VPS Lite is ideal for eye-tracking recording and streaming. Due to its compact size and low weight, the VPS Lite Unit is comfortable to wear even during intense movement and can be worn directly on the body or attached to a helmet or belt.

AT A GLANCE:

- Out-of-the-box ready to use
- Ideal for training and simulation environments and tasks (e.g. human performance improvement in defence and sports, etc.) as well as for documentation
- Insights with streaming and analytical video post-processing
- High wearing comfort for any kind of movement
- Robust and ready for indoor and outdoor use (IP 54)
- Up to 3 hours of operation time (90 minutes of non-stop recording time), replaceable battery
- Recording and streaming of videos with precise visualisation of the gaze point of the user
- Easy evaluation of videos with analytical software (Fact Finder, etc.)

VPS LITE SPECIFICATIONS

INSTANTLY
USABLE &
EASY TO
OPERATE

SMALL,
LIGHT,
ROBUST

AUTOMATIC
CALIBRATION

VPS LITE UNIT		
PLATFORM	Operating system Processor	Linux 5.15 NXP iMX 8M Plus Quad, 4 x Cortex A53, 1 x Cortex M7, 1 x NPU up to 2.3 TOPS 4GB RAM/8GB Flash Memory for Operating System
STORAGE	Storage medium Video format	SD Memory Card, 64GB, exchangeable mp4
CONNECTION	Interface Wireless connection Software Updates	2x USB-C 3.0 (1x to glasses, 1x free e.g. for USB-stick) Wi-Fi IEEE 802.11 a/b/g/n/ac, Bluetooth 5.0 via OTA (over the air)
SENSORS*	IMU Location determination	6 DOF: Accelerometer, Gyroscope GPS
USER INTERFACE	Operating elements Status indication Date, Time Web Interface	2 buttons: for recording and on/off 3x RGB LED, buzzer Real time clock with back-up battery System configuration, live preview, playback and download of recorded videos
BATTERY	Swap battery Capacity Operation time	Rechargeable Li-ion Battery, Typ 18650 3400 mAh up to 3 hours (depending on application)
HOUSING	Dimensions L x W x H Weight Protection class	84 x 58 x 33 mm Weight from 95g IP 54

*) VERSION-DEPENDENT

VPS GLASSES		
CAMERA	Eye-tracking	Patented 2 camera video oculography system with light robustness 60 fps (frames per second)
	Front camera	2112 x 1562 pixel/ 86° field of view 30 fps (frames per second)
	Status indication	3x RGB LED
CONNECTION	Cable connection	USB 3.0 Type C
AUDIO	Microphone	Digital High-SNR SiSonic™ Microphone
DIMENSIONS	L x W x H	168 x 170 x 57 mm (6.61 x 6.69 x 2.24 in)
WEIGHT	Spectacle frame (excluding spectacle lenses)	43 g (1.52 oz)

ACCESSORIES	
CORRECTIVE LENSES	Exchangeable optical lenses, optional from -4 to +4 diopters
NOSE PADS	4 sizes supplied
TEMPLES	Exchangeable
ASSEMBLY	Belt clip, head mount, helmet mount, velcro mount

CERTIFICATIONS & STANDARDS	
EU / USA / Japan	CE / FCC / PSE, MIC
Eye safety	EN 62471
Eye protection	EN 166 S