



Hands-free collaboration with smart glasses and voice control

Product description

XpertEye Essential is a voice-controlled and hands-free remote assistance solution for smart glasses. The solution connects the glasses wearer to a remote expert, creating an environment for enhanced collaboration and problem solving by sharing what the onsite user sees (see what I see).

Core features

- **One-to-one and conference video calls** either in HD or in challenging low-bandwidth environments
- **Voice command**
- **Shared workspace:** collaborative board, view shared documents and videos within the smart glasses' screen, take pictures with the smart glasses, zoom from remote, make annotations (text, draw, arrows, etc.) from remote, pointer in the video stream...
- **Control the remote user's camera:** zoom, take a picture, flashlight, etc.
- **Presence list:** see who is online and search your contact list for instant collaboration
- **Supported smart glasses:**
 - RealWear HMT-1 and HMT-1Z1 ATEX
 - ATEX Zone 1, IECEx Zone 1 and CSA C1 D1 approved for use in explosive environments
 - Water resistant, shock resistant, dust-tight
 - Integrated loudspeaker, headphone support and noise cancellation for clear communication
 - Compatible with optical and/or safety glasses and safety helmets
 - Connection to WiFi or a mobile hotspot with QR-code authentication
- **SSO compatibility** (SAML V2 Open ID Connect)
- **Supported languages:** Chinese, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish
- **Flexible deployment options:** SaaS, on-premises, private cloud scalable hosting and closed network
- **Secure communication flows:**
 - Hosted on datacenters that are HIPAA and HDS compliant
 - AMA does not store any client data on our servers. All data (pictures, videos, documents, text, annotations) exchanged during a call are deleted once the XpertEye call is finished.
 - XpertEye uses end-to-end encryption technology for data protection

Key benefits



Head-up display

Easy hands-free experience



Easy controls

Intuitive menu, managed by voice commands



Use in explosive environments

ATEX Zone 1, IECEx Zone 1 and CSA C1 D1 approved



High wearing comfort

Standalone smart glasses without wires

Glasses technical specifications



	RealWear HMT-1	RealWear HMT-1Z1 ATEX
CPU	Qualcomm Snapdragon 626	Qualcomm Snapdragon 625
MEMORY	3 GB	2 GB
STORAGE	32 GB flash	13 GB
VISION AND DISPLAY	Monocular & tilting screen Flexible display Resolution: 854×480 pixels	Monocular & tilting screen Flexible display
CAMERA	16 MP, autofocus and 4 axis optical image stabilization for hi-resolution	16 MP, autofocus and 4 axis optical image stabilization for hi-resolution
XPERTEYE ENCODING	Optimized Resolution 1280x720* Limited bandwidth 320x240	Optimized Resolution 720x480* Limited bandwidth 320x240
SOUND	Integrated 91 dB speaker 3.5 mm jack	Integrated 91 dB speaker 3.5 mm jack
SOFTWARE	Android 6.0	Android 8
BATTERY	3250 mAh rechargeable, removable, hot-swappable full shift hour battery	3400 mAh, rechargeable
WEIGHT	370 g	430 g

*Smart glasses resolution is 480p/14fps using XpertEye Advanced