



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
- **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, English, French, German, Italian, Japanese, Korean, Russian, Polish, Portuguese, Spanish,
- **Flexible deployment options:** SaaS, on-premises and private cloud scalable hosting
- **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 625	Qualcomm Snapdragon 625
MEMORY	2 GB	2 GB
STORAGE	16 GB flash	13 GB
VISION AND DISPLAY	Monocular & tilting screen Flexible display Resolution: 854x480 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	720p/25fps* Optimized Resolution 720x480 Limited bandwidth 320x240	720p/25fps* 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