



Seamless remote assistance with smart glasses, a dedicated smartphone and external video sources

Product description

The XpertEye Advanced remote assistance solution supports a wide range of video sources, including smart glasses, endoscopes, microscopes and other cameras (eg. body, UV). These provide additional video feeds for the onsite user, while a dedicated AMA smartphone with a friendly UI allows for easy management of additional cameras and longer battery life.

Core features

- **One-to-one and conference** video calls either in HD or in challenging low-bandwidth environments
- **Shared workspace:** collaborative board, zoom, pointer in the video stream, import images and PDF's, screen sharing, annotations (text, draw, arrows, etc.)
- **Control the remote user's camera:** zoom, take a picture, flashlight, etc.
- **Confidential mode:** added security option that prohibits users from storing any call data or media
- **Instant messaging**
- **Presence list:** see who is online and search your contact list for instant collaboration
- **Invite guest users by email or sms**
- **Geolocation** of the remote worker
- **Barcode scanner**
- **Connectivity options:** 3G, 4G, 5G, WiFi, ethernet and satellite connection
- **SSO compatibility** (SAML V2 Open ID Connect)
- **Supported smart glasses:** RealWear HMT-1, Vuzix M300 and M400, Iristick Z1 and C1, Google Glass
- **Supported languages:** Chinese, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Slovenian, Spanish, Turkish,
- **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
 - Dust Mobile SIM card to protect sensitive mobile communications against threats and cyber attacks

Key benefits



Powerful multi-source video solution

Supports a wide range of video sources



Usage in low bandwidth areas

WiFi or mobile networks below 1Mbit/sec



Highly secure

HIPAA -compliant, SSL connection, E2E encryption



Long runtime

Up to 7 hours of live transmission

Glasses technical specifications



	Google Glass Enterprise Edition 2	Vuzix M400	Iristick Z-1	RealWear HMT-1
CPU	Qualcomm Quad core 1,7 Ghz	Qualcomm XR1 Octo core 2.52 Ghz	-	Qualcomm Snapdragon 625
MEMORY	3 GB	6 GB	-	2 GB
STORAGE	32 GB	64 GB	-	16 GB flash
VISION AND DISPLAY	Monocular prism Adjustable prism 640x360	Monocular & tilting screen Flexible display arm nHD color displays 640x360 16.7 degrees	Monocular screen FOV: 13° 428x240 30 fps	Monocular & tilting screen Flexible display Resolution: 854x480 pixels
CAMERA	8 MP	Up to 12.8 MP	Central camera: 5 MP, fix focus wide angle (84° diagonal), numerical zoom Zoom camera: 5 MP / 720p, 5X optical zoom, Autofocus	16 MP, autofocus and 4 axis optical image stabilization for hi-resolution
XPERTEYE ENCODING	480p/14fps Optimized Resolution: 720x480 Limited bandwidth: 320x240	480p/14fps Optimized Resolution: 720x480 Limited bandwidth: 320x240	480p/14fps Optimized Resolution: 720x480 Limited bandwidth: 320x240	720p/25fps* Optimized Resolution: 720x480 Limited bandwidth: 320x240
SOUND	Mono speaker	Ear speaker	Ear speaker	Integrated 91 dB speaker 3.5 mm jack
SOFTWARE	Android 8	Android 8.1	-	Android 6.0
BATTERY	820 mAh	135 mAh + 1000 mAh	12 Wh pocket unit internal battery rechargeable	3250 mAh rechargeable, removable, hot-swappable full shift hour battery
WEIGHT	46 g (without the frame)	68 g (without the frame)	71 g	370 g

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