



## 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, picture-in-picture, 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 and satellite connection
- **SSO compatibility** (SAML V2 Open ID Connect)
- **Supported smart glasses:** RealWear HMT-1 and Navigator 500, Vuzix M300 and M400, Glass Enterprise Edition 2, Iristick.G1 and C1 and LLVision GLXSS SE
- **Supported languages:** Arabic, Chinese, Czech, Dutch, English, French, German, Hindi, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Slovenian, Spanish, Tamil, Thai, Turkish
- **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 TLS 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, TLS encryption



#### Long runtime

Up to 7 hours of live transmission

## Glasses technical specifications



	RealWear HMT-1	RealWear Navigator 500	Vuzix M400	Glass Enterprise Edition 2	Iristick.G1	LLVision GLXSS SE
CPU	Qualcomm Snapdragon 625	Qualcomm Snapdragon 662	Qualcomm XR1 Octo core / 2.52 Ghz	Qualcomm Quad core 1,7 Ghz	-	Intel® Movidius™ Myriad™ 2
MEMORY	2 GB	4 GB	6 GB	3 GB	-	LPDDR3 512 MB
STORAGE	16 GB flash	64 GB	64 GB	32 GB	-	-
VISION AND DISPLAY	Monocular & tilting screen Flexible display Resolution: 854x480 pixels	Monocular & tilting screen Flexible display Resolution: 854x480 pixels	Monocular & tilting screen Flexible display arm nHD color displays 640x360 16.7 degrees	Monocular prism Adjustable prism 640x360	Monocular screen FOV: 13° 428x240 30 fps	FOV: 20° (Diagonal), Resolución: 640x400, Contrast: 100000:1
CAMERA	16 MP, autofocus and 4 axis optical image stabilization for hi-resolution	48 MP, autofocus and 4 axis optical image stabilization for hi-resolution	Up to 12.8 MP	8 MP	Central camera: 5 MP, fix focus wide angle (84° diagonal), numerical zoom Zoom camera: 5 MP / 720p, 5X optical zoom, Autofocus	Photo: 13 MP, Video: 1080P FHD Video, Privacy: LED Indicator
XPERTEYE ENCODING	Optimized Resolution: 1280x720* Limited bandwidth: 320x240	Optimized Resolution: 1280x720* Limited bandwidth: 320x240	Optimized Resolution: 720x480 Limited bandwidth: 320x240	Optimized Resolution: 720x480 Limited bandwidth: 320x240	Optimized Resolution: 720x480 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	Ear speaker	Mono speaker	Ear speaker	Input: Digital microphone with noise cancellation Output: Speaker
SOFTWARE	Android 6.0	Android 11	Android 8.1	Android 8	-	-
BATTERY	3250 mAh rechargeable, removable, hot-swappable full shift hour battery	2600 mAh rechargeable, removable, hot-swappable full shift hour battery	135 mAh + 1000 mAh	820 mAh	12 Wh pocket unit internal battery rechargeable	-
WEIGHT	370 g	270 g	68 g (without the frame)	46 g (without the frame)	71 g	30 g (without the frame) 45 g (with the frame)
IP CODE	IP66	IP66	IP67	IP53	IP66	IP67
SHOCK RESISTANCE	Resistant to 2 meters drops onto concrete from any angle	Resistant to 2 meters drops onto concrete from any angle	Drop safe to 2 meters	Resistant to water spray and limited dust ingress	Drop safe to 1,3 meters	Drop safe to 1,5 meters
OPERATION TEMPERATURE	From -20°C to +50°C MIL-STD-810G	From -20°C to +50°C MIL-STD-810H	from -20°C to +45°C	from 0°C to +35°C	from -5°C to +45°C	from -20°C to +50°C MIL-STD-810G

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