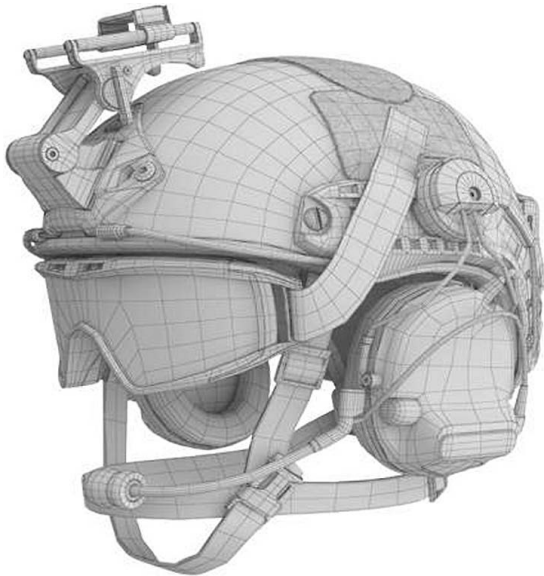


SMART HELMETS



Smart helmets allow user to communicate and visualize digital content directly on transparent visor in front of eyes, without using additional devices. Main benefit of such system is focus on current activity. With integrated earphones, microphone and visualization screen, there is no distraction usually caused by using additional phone, communicator, navigation gadget, etc.

It is ideal to pair with night vision devices, because image is projected on the visor by using prism and HD micro-display. Depending on use-case, interaction with helmet is executed by using voice commands or hardware buttons.

As it is connected to the internet, there is a wide scope of potential applications. Soldier who is streaming drone recordings in real time, firefighter who receive visual guidelines from HQ, or biker who doesn't have to stop in order to take a look at navigation - are just some of the possibilities of this system.

- | | |
|---|--|
| • Processor | Quad core ARM® Cortex-A53 |
| • Graphics | ARM Mali-T720 MP1 |
| • Memory | 1GB D DR3 |
| • SIM card | mini Single SIM Card |
| • Location | GPS, kompas |
| • Network | 4G |
| • Interaction | Voice commands, hardware buttons |
| • Pairing/Connectivity | Bluetooth, WiFi |
| • Displayed content | 3D holograms, stream video static images, user interface |
| • Power | 5V 2A, Battery and solar cells |
| • Accelerometer | Possible by connecting additional sensor |
| • Audio | Earphones, microphone |
| • Fingerprint identification | Possible by connecting additional sensor |
| • Psychological analysis / mood recognition | Possible by connecting additional EEG product |

