

Zebra Technologies Launches Wearable Head-Mounted Display Solution to Support Emergency Services

Zebra Technologies, a leader in enterprise mobile computing and data capture solutions, is pleased to announce its new HD4000 Enterprise Head-Mounted Display designed to work with Zebra Android™ and Windows® devices and support emergency responders on the frontline.

HD4000 brings critical data and communications to the user's field of view to support frontline responders, enabling hands-free directed operations whilst being updated with real-time visual documentation of critical information and situational awareness.

The HD4000 is an evolution and an example of an enterprise grade wearable solution for life-saving emergency services community applications.

In public safety, application examples include: person mounted facial recognition brought straight to the officer's field of view, live ANPR (automatic number plate recognition) on the roads, Command and Control software data and patient based data software communications, video streaming, UAV (unmanned aerial vehicles) feeds, satellite navigation and tracking, live guidance from remote support and training whilst in mobility roles.



Empowering responders with critical data.

The Zebra HD4000's lightweight comfortable ergonomic design means it can be used for extended durations and shifts with minimal interruption due to, as well as withstanding harsh environments – it is waterproof, dust-proof and drop-proof.

Paramedics can use the HD4000 in conjunction with mobile devices to receive and send vital patient information without disrupting diagnosis and the administration of triage, meaning that paramedics and clinicians have their hands-free to treat patients which improves both pre-hospital assistance and continuity of care.

Emergency responders are trained to perform and deliver outstanding services but face certain scenarios requiring precise skills and knowledge to make critical decisions and interventions that are perhaps less common in the field, or go beyond their training and experience. Alternatively, in hospital situations, expert support and guidance can be called upon remotely. HD4000 enables responders and commanders to utilise Remote Expert capabilities for medical knowledge, risk assessment, wider situational awareness of activities around the incident, guidance and information from specialists through to high-quality images and video conferencing.

Closely collaborating with technology providers, Zebra offers integrated devices such as sensors embedded into a firefighter's PPE (personal protective equipment) or helmet that can deliver vital signs such as oxygen levels, heart rate and temperature at the emergency scene as well as the firefighter's exact location.

Zebra Technologies offers extensive experience and a wide partner network to support Emergency Services organisations to trial, test and deploy its solutions that will to empower first responders on the frontline. By overlaying the most relevant information from your applications you now have a real-time field of view of the your tasks, directly to your eyes enabling hands-free directed operations — instead of interacting with an application on a mobile computer to obtain the same data.

Putting the right information, at the right time, right in front of your eyes to increase situational awareness, task efficiency and accuracy.

The HD4000 delivers everything you need in an enterprise-class mobile device accessory

- Rugged and ergonomic design.
- Ready for the most demanding emergency environments. Built to last for years despite all-day everyday drops, bumps and spills. (IP67 and drop specifications).
- Easy-to-see crisp display.
- Easy to use — simply plug into the host mobile device and switch on.
- Easy to deploy — no additional batteries or staging required.
- Software Development Kit (SDK) and ready-to-use application programming.
- Interfaces (APIs) it's easy to integrate the HD4000 into existing and new applications.
- Connect the HD4000 to Zebra's TC5X and TC7X mobile computers or ET56 or L10 tablets to integrate all critical communications.

Zebra's HD4000 is perfectly engineered for comfort and offers enhanced safety for first responders.

- Sharp image quality with an integrated mounted 5MP camera.
- Lightweight so responders will forget they are wearing glasses.
- Ready for the most demanding emergency environments. Integrated microphone for immediate communication.
- Flexible adjustable design to fit most users.
- Remove from your view in a split second.
- Hygienic design suitable for sharing, from safety visors and glasses available of the shelf.
- Simple accessory architecture for maximum functionality and minimum weight.
- Simple and robust application support.

For more information and to arrange a discussion contact Zebra Technologies – [Public Sector Pages](#)