Beat: Technology

Worldsensation Smart helmet for snowsports from Australia

Smart helmet for snowsports

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USPA NEWS - In a place that hasn't snowed since 1922 comes the biggest revolution to the ski slope technology since the chairlift - the world's first smart helmet for snow sports. The Forciteâ„¢ Alpine smart helmet is a high performance wearable technology that captures tracks and shares the fun of snow sports.

Conventional helmets are basic polystyrene shells that offer protection, but little else. Fog lights, cameras, and communications are attached with cumbersome mounts. On impact anything attached to the helmet can weaken the polystyrene shell, potentially leading to head injuries as with the skiing accident involving Michael Schumacher.
The Forciteâ„¢ Alpine helmet is a wearable technology designed to turn snow sport fans into superhuman, whilst safely placing technologies such as an HD camera, speakers, impact sensors and a microcomputer inside the helmet. All of these functions are controlled by the Forciteâ„¢ Alpine's AI and a smart phone app.

Alfred Boyadgis, Founder, said: "Imagine this technology as a superhuman companion who guides and captures your adventures."
“¢ Capture
Safely positioned inside the front of the helmet is a full HD camera capable of capturing 1080 at 120fps video with image stabilization, which is perfect for slow motion shots on those bumpy off-piste runs. A wide-angle lens offers 160 degree field of view to capture every twist and turn.
“¢ Communicate
Chat with groups of friends on the slopes or online with a noise cancelling, rugged design microphone that uses Wi-Fi and Bluetooth 4.0 technology to communicate with friends.

The stereo speakers double up to play tracks streamed via Bluetooth, and access call forwarding to connect to more friends as you carve up the slope.
“¢ Compete
In unison with the app, the Forciteâ„¢ Alpine smart helmet is designed to help compare and improve performance. The Forciteâ„¢ Alpine smart helmet also uses altitude determination to log the run on the Forciteâ„¢ app or a third party app.

“¢ Protec
Upon an intense impact, the helmet will emit an emergency beacon along with the altitude reading and GPS location of the person in trouble to snow park emergency teams. This beacon can also be turned on manually in an emergency.

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UPA United Press Agency LTD
483 Green Lanes
UK, London N13NV 4BS
contact (at) unitedpressagency.com
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