

Helmet Helps Firefighters See Through Smoke, Hear Victims

Firefighters all over the world risk their lives to save others in the heat of raging fires in various scenarios, from wildfires to urban accidents. In most cases, they are required to dress hastily within 90 seconds to reach ground zero. Because of the rushed time, it's only human to miss out on key accessories and equipment. But Omer Haciomeroglu's ambitious helmet concept could spell the future of firefighting equipment: the C-Thru Smoke Diving Helmet.

The helmet features wire framing technology that allows the firefighter to map out his surroundings and locate victims without resorting to manual means that may cost time. It also is equipped with a communications system that eliminates having to bring a separate remote communicator such as a walkie-talkie or phone. Finally, C-Thru also employs noise-cancelling technology to eliminate surrounding sounds and isolate the cries of victims as well as distinct, cracking sounds that can give leads to their direction.

Helmet Maps the Way

Firefighters don't have to crawl on the ground or keep hands on the wall to find victims, simply walk or run towards the victims.



Helmet Helps Firefighters See Through Smoke, Hear Victims

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

The Info Is Already There

Instead of using handwritten map and verbal information, fire fighters can use this helmet to navigate in and out the building.



Wear it to the Scene

This product simplifies many layered heat protection into one single unit as well as provides communication equipment among other rescuers.

Helmet Helps Firefighters See Through Smoke, Hear Victims

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)



Noise Filtering

C-Thru selective noise cancels the surrounding sounds and only enhances victim and pre-set cracking sounds providing a more clear communication.

Helmet Helps Firefighters See Through Smoke, Hear Victims

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)



Everything is Recorded, No Reports Needed

This provides improvements for the future rescue missions and better evaluation and a step towards preventing future fire accidents.

Helmet Helps Firefighters See Through Smoke, Hear Victims

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)



Less Equipment



Helmet Helps Firefighters See Through Smoke, Hear Victims

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

Lighter Weight



www.mashable.com [1]

July, 16, 2012

Source URL (retrieved on 01/26/2015 - 11:06pm):

http://www.wirelessdesignmag.com/news/2012/07/helmet-helps-firefighters-see-through-smoke-hear-victims?qt-most_popular=0

Links:

[1] <http://www.mashable.com>