PRESS RELEASE

Telerob is further expanding new AI technologies with its new EVO generation robots

Ostfildern, August 2020. With the introduction of the new EVO generation of its EOD robots, Telerob Gesellschaft für Fernhantierungstechnik mbH is further expanding the use of new AI technologies. The new operating concept "Robo Command", which is now available on both tEODor EVO and telemax EVO, opens up completely new possibilities in terms of artificial intelligence.

With a new control station for the recent EVO generation, Telerob is making increased use of artificial intelligence to support the users of EOD robots in their demanding and dangerous tasks. In future, the module for speaker-independent voice control will be integrated directly into the control station. This means, that even less experienced operators can easily carry out defusing tasks with the robot and concentrate on the essentials. The autonomous navigation of the robots makes it possible to explore buildings quickly and from a safe distance in threatening situations. Instead of putting themselves in danger, operators can send the robot as an unmanned advance unit and thus obtain important information about the situation at hand. Sensors create precise 2D and 3D maps that serve to help with orientation during operations. Obstacles are reliably detected and the surroundings are captured even in complete darkness. And the new, ultra-high-resolution 360° camera can also make a significant contribution to the success of a mission. It offers a maximum overview of the often complex events, including a bird's eye view.

The new "Robo Command" offers significant advantages for all three technologies: A better resolution of the video images in HD quality, a higher processor performance and above all an intuitive operation based on gesture control already known from tablets and smartphones.

"Offering our customers maximum security is our top priority. But of course, we always keep a close eye on the topics of user-friendliness and user comfort. The use of artificial intelligence is clearly a great advantage for the user. And last but not least, it also increases security in dealing with our systems. An advantage that can be decisive in an emergency", says managing director Thomas Biehne.
Telerob Gesellschaft für Fernhantierungstechnik GmbH is an independent, medium-sized, owner-managed company based in Ostfildern near Stuttgart, Germany, producing homeland security solutions. The product range includes remote-controlled robots for disarming improvised explosive devices and investigating hazards, fully equipped service vehicles as well as mobile system solutions ensuring the safety and security of critical infrastructure and people.

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