# No more bad weather for outdoor AGVs

The outdoorScan3 safety laser scanner with AGV Dynamic Weather Assist enables AGVs to drive in any weather

**Waldkirch, November 2021 – Vehicle stops as a result of poor visibility due to rain or snow are a thing of the past with the intelligent AGV Dynamic Weather Assist safety solution from SICK. This all-in-one solution comprising the outdoorScan3 safety laser scanner, the Flexi Soft safety controller, and a newly developed software function block for intelligently evaluating weather-related disruptive factors avoids unplanned stops and thereby weather-related interruptions in the material flow.**

The **outdoorScan3**  afety laser scanner is certified for use for personal protection in a wide range of outdoor mobile and stationary applications. Thanks to intelligent algorithms and the outdoor safeHDDM ® scanning technology, even the base model ensures the device operates reliably even in unfavorable weather conditions. The AGV Dynamic Weather Assist software function block further significantly increases the detection reliability – and therefore also the productivity of the vehicle – in extremely poor weather conditions.

**Automatic adjustment of the speed based on the visibility conditions**

Driving by vision rather than stops and congestion in the material flow – that is the aim of the AGV Dynamic Weather Assist safety functionality. A function block, which is managed by the Flexi Soft safety controller in the integrated network, monitors the effect of the weather on the detection capacity of the outdoorScan 3 safety laser scanner. If the rain or snow becomes too heavy, this is detected by AGV Dynamic Weather Assist and the protective fields of the safety sensor are switched so the vehicle can continue along its route at a reduced, weather-adjusted speed. The safety and monitoring functions of the outdoorScan 3 continue to be retained.

**Optimal productivity in any weather**

Regardless of what the weather report says – The AGV Dynamic Weather Assist safety solution no longer leaves operators of outdoor AGVs out in the cold. It avoids weather-related vehicle stops and maintains the material flow even in poor outdoor conditions. It therefore makes an important contribution to increasing the productivity of outdoor AGVs.

**Images and image captions**

*No more bad weather for operators of outdoor AGVs – thanks to the AGV Dynamic Weather Assist safety solution from SICK.*

Contact person

Melanie Jendro │PR Manager │melanie.jendro@sick.de

+49 7681 202-4183 │+49 151 741 035 31

SICK is one of the world’s leading solutions providers for sensor-based applications in the industrial sector. Founded in 1946 by Dr.-Ing. e. h. Erwin Sick, the company with headquarters in Waldkirch im Breisgau near Freiburg ranks among the technological market leaders. With more than 50 subsidiaries and equity investments as well as numerous representative offices, SICK maintains a presence around the globe. In the 2020 fiscal year, SICK had more than 10,000 employees worldwide and a group revenue of around EUR 1.7 billion.

Additional information about SICK is available on the Internet at [http://www.sick.com](http://www.sick.com/) or by phone on +49 (0)7681 202-4183.