MENTOR®

Robust Lighting Solutions for Defence and Disaster Control







Version 1

Improved performance for extreme operating conditions

MENTOR develops high-quality lighting and operating solutions for use under extreme conditions. Our components ensure clear visibility, safe communication and precise control: on land, on water and in the air.

Robust & reliable

Our IP68-enabled components are designed for continuous use under extreme conditions. They can withstand vibrations, mechanical strain, temperature fluctuations and challenging environmental influences. They also ensure long-term functional reliability, making them ideal for applications that require maximum stability and durability.

Safe operation

Illuminated key caps and display elements enable intuitive, quick and safe interaction. Even in stressful situations or when visibility is limited, the functions remain clearly identifiable and the user receives tactile confirmation from the keys – for operating concepts that combine safety and ergonomics.

Maximum visibility

In safety-critical situations, every piece of information counts. Our lighting solutions ensure unambiguous, clearly identifiable status indicators, even when visibility or lighting conditions are poor. Optimal light guidance supports fast decision-making and reduces operating errors.

For safety-relevant systems

Our solutions are used in:

- Marine and ship controls
- Military land vehicles and tanks
- Aircraft and drone controls
- Ambulance, rescue and fire brigade vehicles
- Mobile operations centres





Areas of application

Transport

- Special vehicles
- Military land vehicle
- Emergency and rescue vehicles



Telecommunication

- Mobile communication units
- Radio and transmission systems



Computer technology

- Computer and server systems in control rooms, mobile command centres and deployment systems



Control technology

- Control panels and consoles
- Control modules



Our product recommendations

Opto-electronic displays

IP68-enabled signal lights and 7-segment indicators for clear, unambiguous status and function indicators. Reliable visibility in safety-critical applications.



Light guide range

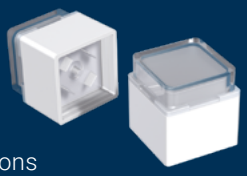
Robust IP68-enabled light guides for precise status indication and optical signal routing. Ideal for front panels and panel applications. Flexible geometries and customised solutions are possible.



Key caps

Illuminated key caps for professional user interfaces:

- Spot lighting
- Full face illumination
- Light fields



For safe operation in poor light conditions and in continuous use. Individually adjustable. From a single display to a complete HMI solution.

More information on the products in our e-catalogue:

Proven in use

Inomatic GmbH develops and produces high-quality control and automation solutions for challenging industrial applications. These solutions are used, amongst other things, in ambulances, where they support the reliable control and monitoring of medical and technical systems – even when subject to vibration, fluctuating temperatures and challenging operating conditions.

MENTOR supplies precisely coordinated lighting and operating solutions, which can be optimally integrated in the respective system architectures. Our illuminated key caps ensure clear status indication as well as safe and intuitive operation.



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