Hoffmann + Krippner

Rugged Devices

Precise input when it counts



Rugged devices designed to withstand extreme environmental conditions.

Hoffmann + Krippner

Rugged Devices by H+K

Harsh environments. Dust. Dirt. Humidity. Extreme temperatures. These are all challenging conditions in which stable technology is required. This is exactly where rugged devices come into play: robust devices designed to withstand extreme environmental conditions and function reliably even under harsh conditions.

What we offer

- Optimum tactile feedback and customized switches
- Capacitive multi-touch for glove operation
- Buttons with individually dimmable lighting in RGB
- Customized connections power supply based on VG96916-5
- Display heating for temperatures down to -30°C
- Multiple bonding layers for greater stability



Impact resistance IK08
Protection class up to IP69K
Increased EMC protection



Qualifiable according to standards (MIL-STD-810G, DIN EN 50155, IEC 60068-2)

Rugged and safe use of technology

Durability: The Rugged design makes them more resistant than conventional appliances.
Reliability: They work perfectly even under extreme conditions.
Less downtime: Fewer repairs or component replacements mean reduced costs and downtime.
Security: Robust materials and special manufacturing processes for increased security.

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HMI solutions for harsh environments



Agriculture and construction

Rugged devices are often used in modern agriculture for GPS-supported machine control or data acquisition.



Logistics and rail technology

Mobile devices often have to withstand extreme temperatures and shocks in warehouses, when tracking goods and during transportation by road and rail.



Peacekeeping and rescue services

Rugged control panels and communication devices guarantee operational capability even in crisis situations.



We are H+K

We make input better! Unique, secure and smart input systems are our specialty. We develop and produce individual solutions for a wide range of industries for our customers in Buchen in the beautiful Odenwald. From design and construction to prototyping and series production, we offer an all-round carefree package.

This is how we work: For us, every project begins with an open ear and a clear goal: to transform your vision into a customized input system. In close consultation, we analyze specific requirements and provide comprehensive advice. We use all our expertise to create technically convincing solutions that fit perfectly into the application.

Certified quality according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 13485

HK.SYSTEMS

As part of the HK.SYSTEMS group of companies, we work closely with experts in digital solutions.
This allows us to create ideal synergy effects and jointly implement forward-looking, sustainable solutions.

Hoffmann + Krippner · TES frontdesign · HK.DIGITAL · ROBIOTIC · TAP2.CLOUD

Hoffmann + Krippner GmbH und Co. KG | Siemensstraße 1 | 74722 Buchen | Tel: +49 6281-5200-0 | info@hk.systems