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TKV Series

TKV Series

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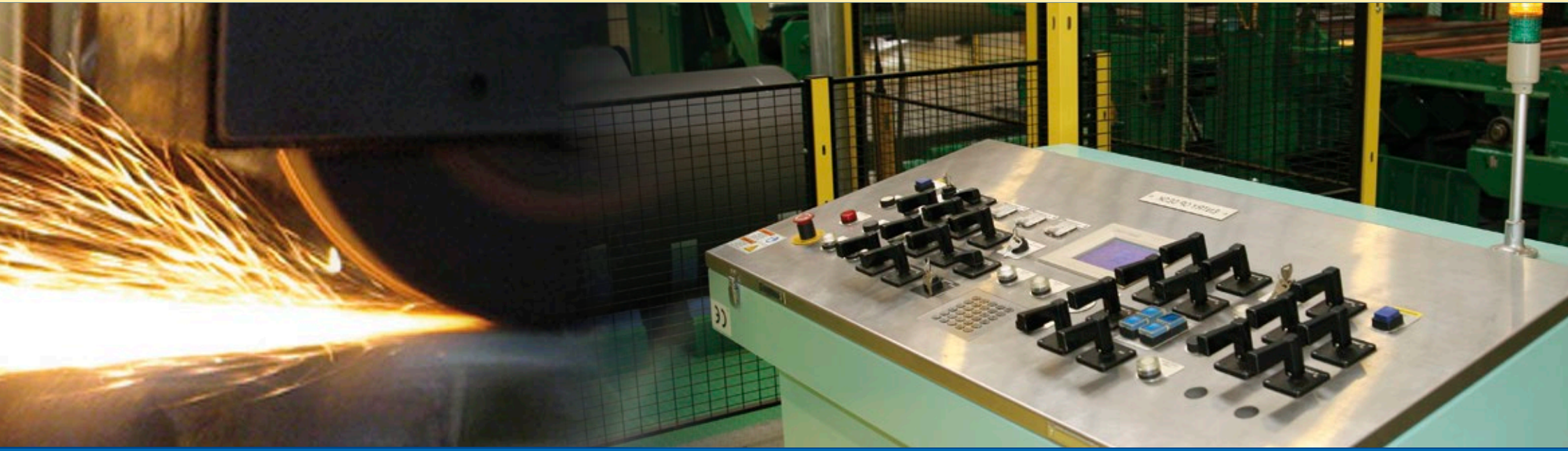
Stainless Steel and Carbon Keyboards



Metal keyboards are typically used in areas requiring protection against vandalism. This arises in places where information terminals or kiosks are freely accessible to the public. As these terminals are usually not monitored and accessible 24 hours a day, self-service kiosk systems are at high risk of mechanical damage due to vandalism.

The advantage of metal keyboards used as data input devices in public space is that they can be kept in service for a long period of time. Equipped with a metal front panel and metal key caps, they are uniquely equipped to resist mechanical impacts occurring on the surface. In addition, the bottom side of the key caps are designed with a lip which prevents the possibility of having the keycaps pried up or out.

In addition, the majority of the models in this series provide an increased IP-protection level which also protects the keyboard against dust and liquid incursions. This means that beverages spilled over the keyboard or debris dropped on cannot damage the electronics or functionality of the keyboard.

Common application areas of TKV keyboards:

- Kiosk Systems
- Self-service Machines
- Service Terminals in Public Spaces
- Points-of-Sale
- Heavy Industry

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IP 65

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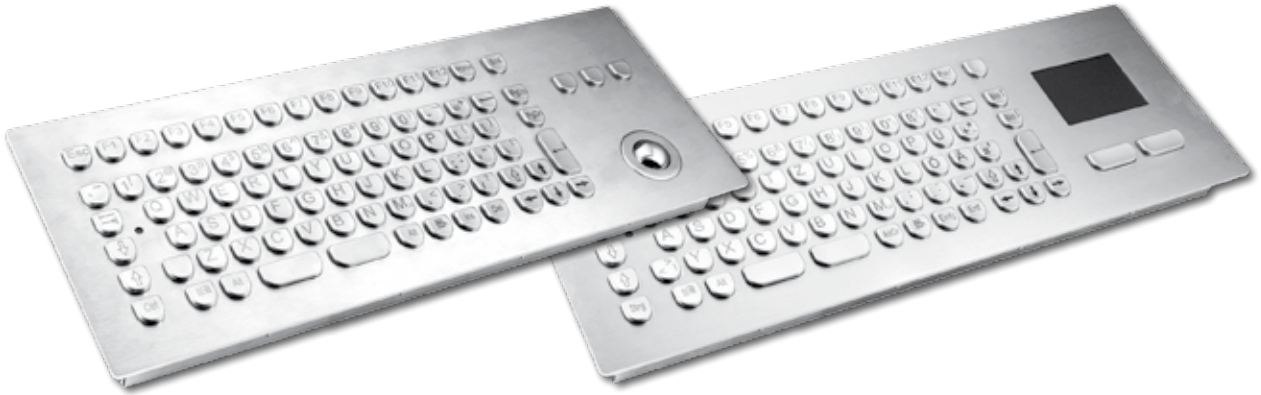
InduSteel



TKV-084-TB25/TOUCH-MODUL
ROBUST STAINLESS STEEL DEVICES

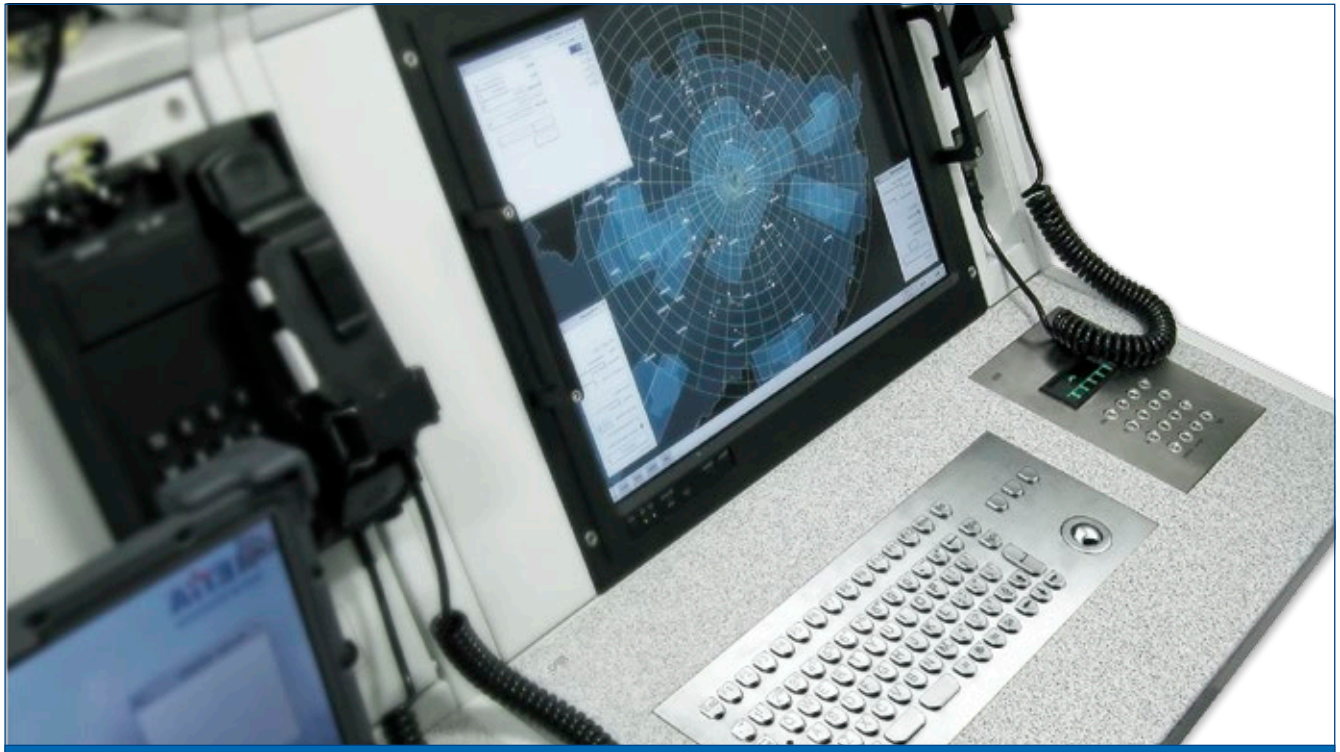
The InduSteel keyboard is a front-mounted keyboard with compact dimensions. Extra-large legends on the keycaps provide excellent visibility for all users. Keyboards of this series are particularly suited for the public access applications, such as information kiosks, mall directories or internet terminals. If the interface needs to be improved with the inclusion of an integrated pointing device, options available are an integrated trackball or an integrated touchpad. If a 10-key keypad is a useful addition, the TKV-105-TB38V-MODUL-variant is equipped with a numeric keypad.

Technical Data

Switching Technology:	Carbon Ccontact Technology
Switching Force:	1.0 N
Switch Travel:	1.5 mm
Switching Cycles:	Approx. 10 Mio. (per key)
Housing Design:	Front Panel with Threaded Bolts
Front panel material:	Stainless Steel
Operating Temperature:	-25 °C to + 70 °C [1]
Storage Temperature:	-25 °C to + 80 °C
Interface:	PS/2; USB

TKV-084-TB25V-MODUL with integrated 25-mm-trackball

TKV-084-TOUCH-MODUL with integrated touchpad



Application example: *TKV-084-TB25V-MODUL integrated in radar systems*

Stay bolts which are installed on the rear side of the keyboard front panel allow for a mounting of the keyboard to the respective mounting surface. A cutting template can help to create the mounting cut-out.

Cat. No.	Product Description	Pointing Device	Protection Level	Dimensions (mm)	Weight
KV01209	TKV-084-MODUL-PS/2-US	None	IP65	295 x 145 x 30	1700 g
KV01215	TKV-084-MODUL-USB-US	None	IP65	295 x 145 x 30	1700 g
KV01211	TKV-084-TB25V-MODUL-PS/2-US	Trackball, 25 mm	IP65 [2]	370 x 145 x 35	2200 g
KV01217	TKV-084-TB25V-MODUL-USB-US	Trackball, 25 mm	IP65 [2]	370 x 145 x 35	2200 g
KV13001	TKV-084-TOUCH-MODUL-PS/2-US	Touchpad	IP65	385 x 145 x 24.8	2100 g
KV13003	TKV-084-TOUCH-MODUL-USB-US	Touchpad	IP65	385 x 145 x 24.8	2100 g

Other layouts, configurations and interfaces on request

[1] Keyboards with pointing device: 0 °C to +70 °C [2] IP65 (front), IP54 (dynam.)

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InduSteel 2

TKV-068-MODUL

TKV-068-TB38V-MODUL with integrated 38-mm trackball

InduSteel 3

TKV-105-TB38V-MODUL with integrated 38-mm trackball

TKV-105-TOUCH-MODUL with integrated touchpad

Technical Data

Switching Technology:	Carbon Contact Technology
Switching Force:	1.0 N
Switch Travel:	1.5 mm
Switching Cycles:	Approx. 10 Mio. (per key)
Housing Design:	Front Panel with Threaded Bolts
Front Panel Material:	Stainless Steel
Operating Temperature:	-25 °C to + 70 °C [1]
Storage Temperature:	-25 °C to + 80 °C

TKV-105-TOUCH-MODUL with numeric keypad and integrated touchpad

Cat. No.	Product Description	Pointing Device	Protection Level	Dimensions (mm)	Weight
KV03005	TKV-068-MODUL-PS/2-US	None	IP65	300 x 125 x 26	1600 g
KV03007	TKV-068-MODUL-USB-US	None	IP65	300 x 125 x 26	1600 g
KV03001	TKV-068-TB38V-MODUL-PS/2-US	Trackball, 38 mm	IP65 [2]	300 x 125 x 26	2000 g
KV03003	TKV-068-TB38V-MODUL-USB-US	Trackball, 38 mm	IP65 [2]	300 x 125 x 26	2000 g
KV14006	TKV-105-TB38V-MODUL-PS/2-US	Trackball, 38 mm	IP65 [2]	446 x 145 x 38	2650 g
KV14008	TKV-105-TB38V-MODUL-USB-US	Trackball, 38 mm	IP65 [2]	446 x 145 x 38	2650 g
KV17216	TKV-105-TOUCH-MODUL-PS/2-US	Touchpad	IP65	446 x 145 x 38	2600 g
KV17200	TKV-105-TOUCH-MODUL-USB-US	Touchpad	IP65	446 x 145 x 38	2600 g

Other layouts, configurations and interfaces on request

[1] Keyboards with pointing device: 0 °C to +70 °C

[3] IP65 (front), IP54 (dynam.)

InduSteel² keyboards are used in SOLIDD terminals (pictured above). With an compact layout of 68 clearly arranged keys, the stainless steel keyboard is optimized for the operation of web-focused applications.

The keyboard is protected against damage by means of the metal housing and key caps with lips, which secure the keys against being pried or levered out. The top surface of the keys has a sculpted trough-shaped contoured profile, so that the user experiences a tactile sensation on this keyboard comparable to most standard desktop keyboards.