



# Industrial Keyboards



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## SMK (Slim Industrial Monitor Keyboard)

### SMK 1U Slim Industrial Monitor Keyboard



The integration of data and video, and voice communication in computers and the subsequent technological advances have spawned many sophisticated CTI applications that have become accessible and affordable to the small and mid-sized business. The increasing CTI applications coupled with the growing demand for corresponding hardware and systems have created a dilemma: How does one pack the growing number of equipment into existing space?

Acme's 1U slim industrial monitor keyboard, the **SMK**, is the solution for compact-ing more computing power into limited space. This revolutionary monitor keyboard combines a spectacular display coupled with a keyboard with built-in pointing device in a compact unit that measures only 1U in height. Occupying a fraction of the space of traditional monitor and keyboard units, the installation of the **SMK** leaves ample space for other critical components. With built-in analog-to-digital conversion board, the **SMK** can be connected to any standard VGA graphics card for immediate on-screen display. The monitor key-board unit has a built-in slide rail and mounts easily onto any 19" rackmount cabinet.

#### Features:

- 15.1" NEC ultra bright/contrast TFT screen
- Meets EIA -310C & IEC-3 specifications
- Heavy-duty steel
- 482.6 (W) x 43.8 (H) x 550 (D) mm (19.0" x 1.7" x 21.7" )
- Available in black and beige colors
- 88-key keyboard w/built-in touch pad or standard keyboard optional
- Keyboard available in multiple languages
- 12.1" TFT 800x600, 13.3" , 14.1" , 15.1" TFT 1024x768
- Anti-glare tempered glass for added protection to the LCD screen
- Built-in side railing for instant installation
- 26W 100/240V 47-63Hz auto-switching power supply
- Movable front panel provides additional comfort during data entry
- Custom colors available
- Optional DC power supply

**SMK Specification**

	I	II	III	IV
Model No	SMK-100	SMK-101	SMK-140	SMK-180
Feature	PS/2 Touchpad	PS/2 Mouse	PS/2 Touchpad 40 cm Deep	PS/2 Touchpad 8 ports Switchbox
Design	1U High			
Color	Black or beige			
Flat Panel	NEC 15.1" ultra bright/contrast TFT screen Automatic flat panel shut-off when monitor is in the closed position 100 - 180 deg monitor open angle			
Connection	Standard AT keyboard, and VGA connectors			
Security Lock	Front access right lock for additional system security			
Handle	Front panel stainless steel handle			
Keyboard Drawer	Built-in side railing for instant installation Total drawer travel distance: 14"			
Option	Touch screen			

## IMK (Industrial Monitor Keyboard)



Conventional rackmount monitors are not only cumbersome, they are space and power consuming monsters. The **IMK** industrial drawer offers many unique advantages over these traditional devices. Acme's revolutionary industrial monitor keyboard features a large size monitor in a compact 2U high unit occupying only a fraction of the space of traditional monitor and keyboard units. The spectacular display of an 15" LCD screen coupled with a full-size keyboard with built-in pointing device is available in a space of only 2U in height. Designed for 19" rackmount cabinets in a convenient drawer form, it is the most ideal solution for maximizing usable cabinet space. With built-in analog-to-digital conversion board, the **IMK** can be connected to any standard VGA graphics card for immediate screen display. The monitor keyboard unit has a built-in slide rail and mounts easily onto any 19" cabinet. Simply pull the unit out to access the system. When closed, the unit lock will limit system access and thereby provide a degree of security.

### Features:

- Meets EIA-RS-310C & IEC-297-3 specifications
- Power of a high-performance monitor in a compactly integrated 2U enclosure
- Anti-glare tempered glass for added protection to the LCD screen
- Automatic LCD shut off when not in use without shutting down the main system
- Simple and polished design enhances the value of the end-product
- 12.1"~15.1" TFT LCD display, high luminance
- Rugged construction for harsh environment operation
- Custom colors available

### IMK Specification

	I	II	III
Model No	IMK-200	IMK-248	IMK-280
Power Supply	Auto-switching power supply	-48V DC power supply	Auto-switching power supply 8 ports SwitchBox
Dimension	482.6 (W) x 87.9 (H) x446.4(D) mm (19.0" x 3.5" x 17.6" )	482.6 (W) x 87.9 (H) x446.4(D) mm (19.0" x 3.5" x 17.6" )	482.6 (W) x 87.9 (H) x486.4(D) mm (19.0" x 3.5" x 19.2" )
Weight	15 kg (33 lb)	15 kg (33 lb)	17 kg (37.4 lb)
Material	Heavy-duty steel		
Design	2U high		
Color	Black and Beige (custom colors available for OEM/ODM)		
Keyboard/Mouse	108-key keyboard with integrated GlidePoint touch pad. Key pad language available in: Arabic, English (US & UK), French, German, Greek, Italian, Japanese, Russian, Spanish, Swedish, Swiss-German Water-proof membrane keypad is available in English (US) and German		
Flat Panel	12.1" TFT (800x600) 13.3" , 14.1" , NEC 15.1" ultra bright/contrast TFT screen (1024x768) Built-in OSD (on screen display) controls Automatic flat panel shut-off when monitor is in the closed position 0 - 105 deg monitor open angle		
Connection	Standard AT keyboard, PS-II mouse, and VGA connectors		
Security Lock	Front access right lock for system security		
Handle	Front panel stainless steel handle		
Keyboard Drawer	Built-in side railing for instant installation Three pull-out stages; drawer locks at 3rd stage (release tabs on side railing) Total drawer travel distance: 14"		
Option	Touch screen		

### Mechanical Environment

Oper. Temp.	0°C-50°C
Storage Temp.	0°C-70°C
Compliance	CE, FCC Class B, UL, cUL, CCIB Compliant

## WIKB (Waterproof Industrial Keyboard)



Acme industrial PC keyboards, the **WIKB** series, offers a flexible selection of full-size keyboards to meet any industrial application requirements. Choose from standard full-size mechanical keyboards for accelerated and swift data entry or water-proof membrane keyboards for strenuous application use. All Acme **WIKB** series are made from high-grade, heavy-duty material to withstand harsh environment operations. With unparalleled comfort design unique to the **WIKB** series, you will be confident in choosing these high quality input devices that are also fully PC/XT/AT compatible. Simply connect the keyboard to an existing system for immediate system operation.

### Features:

- Industrial silicone rubber
- Stainless Steel Case
- 424.18 (W) x 31.75 (H) x 209.55 (D) mm (16.7" x 1.25" x 8.25")
- 108-key keyboard with pointing device
- Standard AT keyboard and PS-II mouse connectors
- Easy access to the operating system with Microsoft Window keys
- NEMA 4, 4X, 12

### **WIKB Specification**

Model No	WIKB-110
Material	Industrial Silicon Rubber
Dimension	424.8 (W) x 31.75 (H) x 209.55 (D) mm (16.7" x 1.25" x 8.25")
Weight	2.2 kg ( 5 lb)
Colors	Stainless Steel (with Black)
Keyboard/Mouse	Integrated 108-key keyboard with pointing device. Key pad available in: English (US)
Connection	Standard AT keyboard and PS-II mouse connectors

### **Mechanical Environmental**

Operating Temperature	-40~90°C
Storage Temperature	-40~90°C
Compliance	NEMA 4, 4X, 12, UL-1950, CE, FCC Class B, UL, cUL, CCIB Compliant

## **IKB (Industrial keyboard)**



Acme industrial PC keyboards, the **IKB** series, offers a flexible selection of full-size keyboards to meet any industrial application requirements. Acme's industrial keyboards are designed according to EIA-RS-310C specifications for standard 19" rackmount cabinets. Choose from standard full-size mechanical keyboards for accelerated and swift data entry or water-proof membrane keyboards for strenuous application use. The 1U drawer style models allow for space conservation and system security while panel mount model offers immediate system access. All Acme **IKB** series are made from high-grade, heavy-duty material to withstand harsh environment operations. With unparalleled comfort design unique to the **IKB** series, you will be confident in choosing these high quality input devices that are also fully PC/XT/AT compatible. Simply connect the keyboard to an existing system for immediate system operation.

### **Features:**

- Designed for standard 19" rackmount; complies with 19" EIA-RS-310C standards
- Fully PC/XT/AT compatible
- Robust design for heavy use or harsh environment operation
- Easy installation onto any 19" rackmount
- Security lock limits system access to protect sensitive material
- Ant-rust chassis, water-proof keypads and anti-shock function to protect internal electronic components
- IKB-1101, IKB-1201: front panel folds down for additional data input comfort

### ***IKB Specification***

	I
Model No	IKB-110
Material	Heavy-duty steel, aluminum alloy and acrylic
Dimension	482.6 (W) x 43.6 (H) x464.0 (D) mm (19.0" x 1.7" x 18.3" )
Weight	7 kg (15.5 lb)
Color	Black and Beige
Keyboard/Mouse	Integrated 105-key keyboard with built-in GlidePoint touch pad. Key pad available in: Arabic, English (US & UK), French, German, Greek, Italian, Japanese, Russian, Spanish, Swedish, Swiss-German
Connection	Standard AT keyboard and PS-II mouse connectors
Security Lock	One security lock
Handle	Front panel stainless steel handle
Keyboard Drawer	Built-in slide railing with front panel stainless steel handle Three pull-out stages; drawer locks at 3rd stage
Drawer Travel	14"

Built-in GlidePoint (IKB- 1101 only ):

The cirque touch pads with GlidePoint Control have a rate of 100 samples per second. A standard mouse or older version touch pads report 40 samples per second. A higher rate allows a more responsive, smoother control of the computer cursor.

### ***Mechanical Environment***

Oper. Temp.	0°C-50°C
Storage Temp.	0°C-70°C
Compliance	CE, FCC Class B, UL, cUL, CCIB Compliant