MODEL NO.: GPK-A400TP-KP

DESCRIPTION:

81 Keys Compact Format IP65 static Vandal Proof   Stainless Steel industrial Keyboard with IP65 dynamic sealed & ruggedized tough touchpad for fast and accurate cursor position, industrial PCB with carbon-on-gold key switch technology with extremely good tactile feeling and long stroke (1.5mm±0.1mm) for fast and accurate data input, with numeric keypad, top panel mounting solution.

DIMENSIONS: 400.0mm x 124.0mm (top panel)
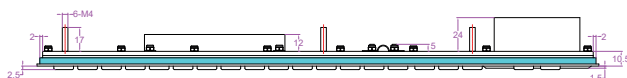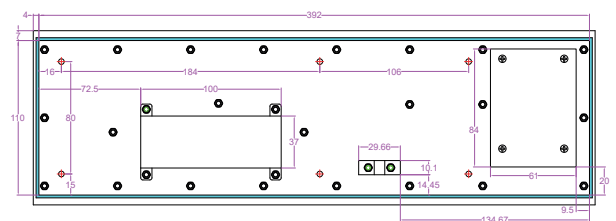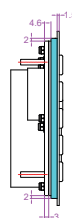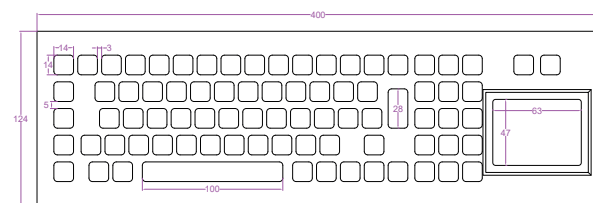
* All technical data, specification and performance figures subject to change without notice.

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Industrial Keyboards | INOX Series | GPK-A400TP-KP

MAIN FEATURE

- Imposing stainless steel design, specially designed keyboards meet the highest demands with regard to design, functionality, longevity and high protection level.
- Stainless steel fascia and key-tops guard willful destruction, vandal-proof, against corrosion, weather-proof especially under extreme climatic conditions, water proof/dirt proof, operation under hostile environments.
- Waterproof execution according to IP65 protection from top panel, back aluminium plate with threaded bolts for easy tightly mounting to enclosure or panel.
- An excellent tactile feel with full-long travel switches and allow users to achieve fast and accurate data input without any noise. With firm tactile perception for comfortable operation
- Internet friendly key layout, key-tops are laser-etched in legends and characters for easy readability, long life to prevent lettering rub-off.
- Metal keys are protected against twisting and levering which can not be dislodged from front, or defaced removing key covers.
- Ease of customizing with multiple languages, to accommodate foreign or custom variants.
- Complete electronic modules including controller in close consultation with our customers are available.
- PS/2, USB connection plug and play with PC via PC existing OS driver, no needing of install separate driver.

MECHANICAL DATA	
Actuator/keys	81 keys (including 2 mouse buttons)
Key top style	Protuberant rectangular keys, laser engraved & etched legends & raised braille on keys are available
Key Size	14.0mm x 14.0mm for normal keys, 14.0mm x 28.0mm for enter key, 14.0mm x 70.0mm for space bar
Key travel	1.50±0.10mm
Actuation Force	3.5N±0.2N for key 14.0mm x 14.0mm (pressure point), 7.0N±0.4N for key 14.0mm x 28.0mm (pressure point)
Switch life	more than 5 million of operations
Touch pad	sealed and ruggedized tough touchpad
Touchpad cover	Composite
More than Lifetime 10 million strokes	
Mutual capacitance sensing	
X/Y axis location detection resolution	40 Counts /mm
X/Y position report	relative

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Interface	PS2 or USB
Tracking speed	Maximum 1,016 m/sec
Power supply voltage	5VDC ± 0.25V
Current rating (active mode)	< 10 mA
G.W.	1.80KGs
ELECTRICAL DATA	
Supply Voltage	+5V DC ± 5%
Current Rating	50mA
EMC Standard	EN 55032:2015 EN 55035:2017
Lifespan	> 5 years
Switch Contact Material	Carbon-on-Gold key switch technology PCB
Interface	PS2, USB available
OS	All Windows, Linux, Unix, Mac OSX, Vxworks, Android, (U-cos--To be confirmed).
ENVIRONMENTAL ADAPTABILITY	
Operating temperature	-20℃ to +65℃
Storage temperature	-30℃ to +75℃
Operating RH	30-90%
Atmospheric pressure	60-106Kpa
Saline mist	96 hours, IEC 60512-6
Damp heat test at +40℃	21 days, IEC 60512-6
Dry heat test at +85℃	10 days, IEC 60512-6
RELIABILITY	
RoHS Compliant, CE and FCC, ESD	
Protection Level	IP65
Vandal resistant	IK08
Key Lifespan	>5 million actuations
MTBF	>20000H
MTTR	<30min
APPLICATIONS	Industrial, coal and mine, medical, bank kiosk and self service terminal, public access, explosion-proof automation, oil and gas etc.