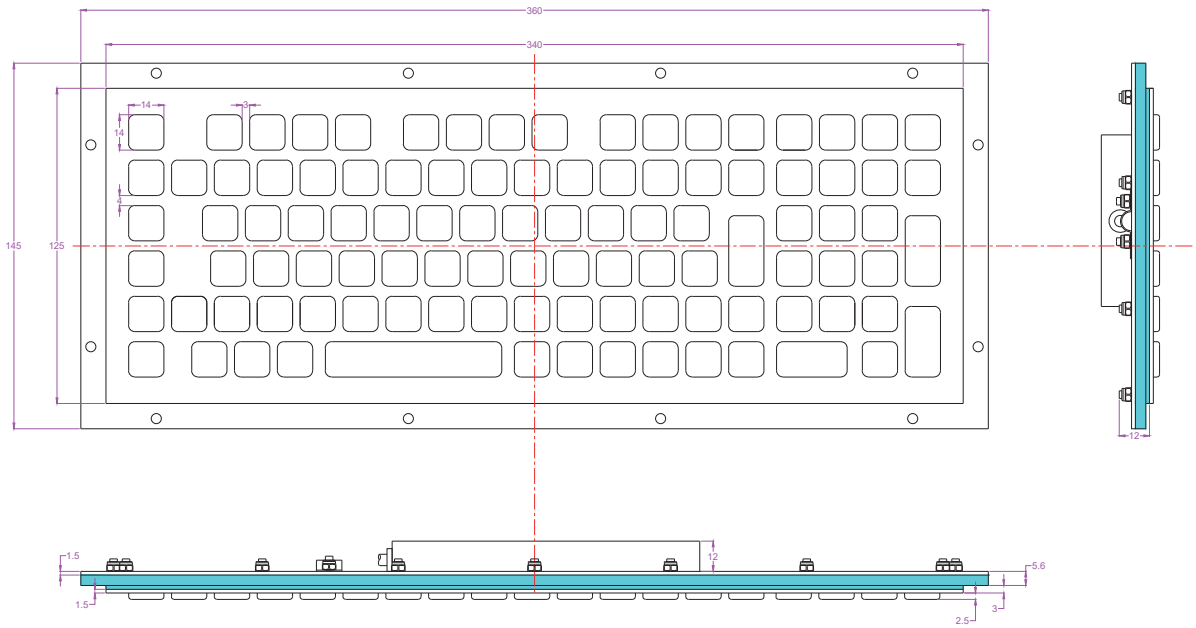
Industrial Keyboards | INOX Series | GPK-A340KP-FN-DWP

MODEL NO.: GPK-A340KP-FN-DWP

DESCRIPTION: 102 keys compact format IP65 dynamic water proof vandal proof stainless steel industrial keyboard with fully sealed and ruggedized industrial PCB electronics controller with carbon-on-gold key switch technology with long stroke (1.50±0.10mm) with extremely good tactile feeling for fast and accurate data input without any noise, with integrated numeric keypad, function keys F1, F2..F10, F11, F12 are on the top panel for easy operation. FN+Clean combination keys for easy and fast cleaning without needing to take the keyboard away from PC, 1.50mm stainless steel back plate with water-tight gasket for easy and tightened sealing with cabinet or panel, rear panel mounting solution. Which is good for outdoor application with direct rain and very harsh environments with humidity, much dynamic water, oil, dirt, salt mist etc, no rust risk and anti-salt spray corrosion.

DIMENSIONS: 340.0mm x 125.0mm (front panel)



* All technical data, specification and performance figures subject to change without notice.

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MAIN FEATURE

- The full keyboard can be locked/disabled via FN + Clean combination keys for easy cleaning without needing to take the keyboard away from PC.
- 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, rear stainless steel plate with mounting holes 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 cannot 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	102 keys
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	1.5N±0.2N for key 14.0mm x 14.0mm (pressure point), 2.5N±0.2N for key 14.0mm x 28.0mm (pressure point)
Front Plate	1.5mm thickness super quality brushed stainless steel
Back Plate	1.5mm thickness super quality brushed stainless steel
Switch life	more than 5 million of operations
G.W.	1.80KGs
ELECTRICAL DATA	
Supply Voltage	+5V DC ± 5%

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Current Rating	30mA
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 dynamic (front panel)
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.

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