

APC Technology

Hazardous Environment Computing Solutions



Quality
Endorsed
Company
ISO-9001 Lic: 5330
SAI Global

APC Technology has designed, manufactured and tested a range of intrinsically safe devices and explosion proof panel PCs & displays specifically for use in hazardous areas. An extensive certification process ensures the provision of reliable performance in a wide range of applications within zone 0, zone 1 and zone 2 environments. Our dedicated range of solutions are versatile and offer expansion capabilities, providing our clients with customisable platforms tailored to the requirements.



IM2-IS Pointing Device

The IM2-IS is a rugged pointing device designed for use in harsh environments. The unit is an ideal solution for operator interface requirements in mining, oil and gas industries with potentially explosive atmospheres. The mouse cursor speed is proportional to displacement of the joystick, providing both speed and precision to the user.

FEATURES

- Certified intrinsically safe
- Fully sealed to IP65
- Rugged construction
- Tactile feel
- PS2 or USB connection

CERTIFICATIONS

- IECEx ia I/IIC T4 IP65
- IECEx SIM06.0005X
- IEC 60079.0:2000 ED3.1
- IEC 60079.11:2003 ED4
- Ambient: - 20 °C to +40 °C
- Zone 0, Zone 1 and Zone 2



KBIM2-IS Keyboard

The KBIM2-IS is a full QWERTY PC keyboard with integral mouse. The unit is intrinsically safe, connected via safety barriers and repeater, ensuring suitable for use in Zone 0 hazardous locations. The KBIM2-IS is fully welded from stainless steel and sealed against ingress of moisture and dirt to IP65. The membrane is covered with a conductive stainless steel shim to prevent static build up.

FEATURES

- Certified intrinsically safe
- Stainless steel construction
- Fully sealed to IP65
- PS2 or USB connection

CERTIFICATIONS

- IECEx ia I/IIC T4 IP65
- IECEx SIM 05.0004X
- IEC 60079-0:2000 ED3.1
- IEC 60079-11:1999 ED4
- EMI Approvals: FCC Part 15, Subpart B
- Class B certification
- EN55022 Class B
- Ambient: -20 °C to +40 °C
- Zone 0, Zone 1 and Zone 2

To place an order, discuss a
customised solution or
obtain more information
08 8363 0400
sales@apctechnology.com.au

*Due to continuing developments, specifications are subject to change
without notice. No liability is accepted for errors or omissions.*



Australian Owned & Operated

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Zone 2/22 HMI Panel PC or Display

A fully sealed hazardous location panel PC or display available in a range of sizes. The unit provides a rugged solution for Zone 2/22 applications. Features include the latest industrial grade electronics and IECEx certification to withstand wide temperature changes and high levels of vibration.

FEATURES

- Fully sealed IP66 stainless steel enclosure
- Suitable for Zone 2/22
- Optional Profibus communications
- Choice of Intel® Core™ processors
- VESA™ mounting options
- Certified Roxtec™ gland system
- Optional Zone 2/22 rated connectors

CERTIFICATIONS

- IECEx nA Zone 2 IIC T6
- IECEx nA Zone 22 IIIC T6
- IP66
- IEC 60079.0
- IEC 60079-31
- IEC 60079-15
- Ambient: -20 °C to +60 °C



ET4255-HL Panel PC

A fully sealed 15" hazardous location panel PC designed and manufactured for Zone 1 and 2 environments. The unit is designed to withstand wide temperature changes and high levels of vibration. Incorporating the latest in touchscreen technology, allows the use of a bare finger or gloved hand.

FEATURES

- Sealed to IP66/67
- Sunlight readable LCD display
- Touchscreen protected by toughened glass
- Unit not affected by surface contaminants and can be operated with a gloved hand

CERTIFICATIONS

- IECEx d IIB T5 IP66/67
- IECEx SIM 10.0007X
- IEC 60079.0:2000-ED3.1
- IEC 60079.1:2003-ED5
- Ambient: -20 °C to +60 °C
- Zone 1, Zone 2



ATEX Certified Mobile Solutions

A range of ATEX certified solutions are available including a fully rugged tablet and notebook which transforms with one quick rotation into a rugged tablet PC.