

Hazardous Area HMI solutions



for use in hazardous areas

Zone 2 ATEX Compliant

- PC Workstation
- Sun light viewable touch screen
- Communications via Ethernet, Fibre Optics or Wi-Fi
- Internal temperature and humidity sensors for remote telemetry
- Driver for external horn
- IP66/NEMA 4 and NEMA 4X
- Choice of processors
- Extended temperature options
- VESA, Yoke and panel mounting



iSiS-Ex

*World class expertise
from an industry specialist*

iSiS-Ex is a leading international provider of 'mission critical' explosion proof computers and HMI's for use in hazardous areas. By leveraging a unique heritage of engineering expertise spanning more than 20 years, we have successfully combined industry specific know-how with proven products that are sold to blue chip companies around the world.



ISO9001:2008 Certified

www.issis-ex.com



Product Type	PC Workstation
Model Number	ISIS1200
Type of Protection	ATEX II3 G Ex nA IIB T4 (North America: Class 1, division2, gas groups C and D, temp class T4)
Display Size	15"
Display Type	Transflective/sun light viewable LCD touchscreen
Display Resolution	XGA 1024 x 768
Processor Options	Intel® Core™ 2 Duo 2.16Ghz Intel® Core™ 2 Duo 2.0Ghz Celeron® M 1.86Ghz
Operating System	Windows XP Pro Windows 7 Pro
HDD/SDD Options	80Gb HDD or 64Gb/32Gb SSD (1st SATA drive externally accessible) 80Gb HDD or 64Gb/32Gb SSD (2nd SATA drive internally accessible)
Compact Flash	16Gb/4Gb Compact Flash
RAM	1Gb/2Gb
Communications Options	Copper Ethernet, Fibre Optic Ethernet, Wi-Fi (802.11a/b/g/h)
Keyboard/ Mouse/Touchscreen	PS/2 Keyboard interface PS/2 Mouse interface Glove friendly touchscreen (capacitive)
USB	Up to 4 x USB 2.0 ports
Serial Communications	3 x RS232 or 2 x RS232 + 1 x RS485 (1 comms port reserved when telemetry fitted)
Ingress Protection	IP66 / NEMA4 and NEMA 4X
Operating Temperature	-20°C to +50°C Standard -40°C to +50°C Extended version
Storage Temperature	-40°C to +85°C
Weight	14Kg / 31lb
Dimensions	404mm x 349mm x 112mm
Mounting Options	VESA, Yoke, Panel

Provisional specification - ATEX approval pending

iSiS-Ex has been at the forefront of hazardous area protection technologies since 1989

The company has an impeccable pedigree as a specialist designer, manufacturer and supplier of explosion proof computers and HMI's. We know and understand the market and speak the language.

The company is ISO9001:2008 Certified. Our capabilities compare with the very best.

iSiS-Ex is headquartered in Leeds in the United Kingdom with a new 11,000 sq ft R&D and production facility in Malton. It is from here, and Austin in the USA, that we manage your project from concept to completion to ensure smooth, on-time delivery. We pride ourselves on our excellent supplier and customer relationships.

We continually seek to enhance and improve our product range in a diverse, challenging and technologically advancing industry. It means we employ all the expertise, skills and resources necessary to make purchasing an iSiS-Ex product as complete a customer experience as possible.

www.isis-ex.com



iSiS-Ex

T: +44 (0) 1653 699908 F: +44 (0) 1653 699904 E: sales@isis-ex.com

Unit A & B, Windmill Industrial Estate, Showfield Lane, Malton YO17 6BT, United Kingdom