



isis-Ex™

SPECIALIST HAZARDOUS AREA COMPUTING



TRUSTED, TESTED & RESPECTED

> WHY iSiS-Ex?

Because we build better solutions.



We wouldn't say it if we didn't believe it.

More importantly, we wouldn't say it if we couldn't back it up.

We have more than 20 years' experience as oil and gas industry HMI specialists. Our products are field tested and proven to perform in the harshest conditions. We're the brand of choice for market leading oil companies the world over.

Our engineers are constantly innovating. Our Zone 2 HMI is best-in-class, designed and built to give you what you need. As is our feature-rich Wireless Access Point.

Our Zone 1 products have ATEX certification and our Zone 2 products are certified as ATEX, IECEx and CSA Class 1 Zone 2 AEx compliant.

We control quality by managing the entire design and build process – beginning to end. Everything is assembled by us and every product that leaves the building has been subjected to the most rigorous quality assurance process imaginable. We should know – we designed that too.



Wireless Access Point

- Lightweight ATEX access point
- Intrinsically Safe output allows use of any suitably certified antenna in the Zone 1 or Zone 2 hazardous area
- Can be used as access point, bridge or repeater
- Fully configurable to meet statutory WiFi requirements worldwide
- Quick and easy set-up
- Inexpensive way to extend your WiFi network into a hazardous area

> ZONE 1 > PC WORKSTATIONS

Choose your line, choose your flavor.

Our ATEX-certified Zone 1 series is as versatile as you need it to be.

700, 800 & 900 Ex d for Zones 1 and 2
450 for Zones 1 and 2

- Glove-friendly optional touch screen (800 & 900)
- Simple to install and will run with most PC operating systems (Window CE on 450)
- Configurable with fiber optic, Cat 5 and/or wireless communications
- High bright (800 and 900) and transfective screen options
- Available with a range of mount and stand configurations
- Ease of field maintenance (with appropriate training)
- Custom solutions available
- Extended temperature options

Extended temperature
Glove-friendly touch screen
Field maintainable
Custom solutions available
WiFi comms
Fiber comms
Wired ethernet

700 PC	●			●	●	●
800 PC	●	●	●	●	●	●
900 PC	●	●	●	●	●	●
450 PC	●				●	●



iSiS800 (no keypad)



iSiS450



Interior view and typical bulkhead arrangement

Zone 1 Accessories



Keyboard

- Intrinsically Safe, Zone 1 and Zone 2
- Available with touch pad or joystick mouse control
- The keyboard can be directly mounted and hinged on the HMI, or used separately on a desk
- Choice of languages

Glove-friendly touch screen
 Extended temperature
 Field maintainable
 Custom design



Product Type	PC Workstation
Model Number	450
Type of Protection	II 2 G EEx mdeib(ib) IIB+H ₂ T4
Display Size	10.4"
Display Type	Transreflective TFT LCD
Display Resolution	640 x 480
Processor Options	300MHz low power
HDD/Flash	64Mb System Flash
RAM	128mb
Communications Options	WiFi/ethernet/fiber optic
Keyboard/Mouse/Other	Functional keyboard (F1 – F8) 0-9 numeric pad
Operating Temperature	-40°C to +50°C
Storage Temperature	-25°C to +55°C
Ingress Protection	IP66
Weight	12.5kg / 28lbs
Dimensions	360 x 260 x 153 mm

Product Type	PC Workstation	
Model Number	700	800
	800	900
Type of Protection	II 2 G Ex d ib [ib] IIB T6 Gb or II 2 G Ex d ib [ib] IIB T4 Gb depending on enclosure front	
Display Size	700	12.1"
	800	15"
	900	19"
Display Type	700	CCFL backlit
	800	LED backlit
	900	LED backlit
Display Resolution	700	XGA 800 x 600
	800	XGA 1024 x 768
	900	SXGA 1280 x 1024
Processor Options	700	AMD Geode 500MHz
	800	1.8Ghz Pentium M
	900	1.8Ghz Pentium M
HDD/SSD	80Gb/64Gb	
RAM	700	typically 128Mb
	800	typically 2Gb
	900	typically 2Gb
Communications Options	WiFi/ethernet/fiber optic	
Keyboard/Mouse/Other	Membrane mouse and k'pad and ext. EEx i interface	
Operating Temperature	700	-20 to +50
	800	-20 to +50
	900	-20 to +50
Storage Temperature	-25°C to +55°C	
Ingress Protection	IP66	
Weight	700	23kg/50lbs
	800	33kg/72lbs
	900	40kg/88lbs
Dimensions	700	369 x 283 x 160 mm
	800	465 x 337 x 160 mm
	900	521 x 390 x 165 mm

Our Global Sales Network



FOR FULL DETAILS OF OUR SUPPORT CENTERS AND THEIR CONTACT DETAILS
VISIT OUR WEBSITE www.isis-ex.com/global-sales-partners



AUSTIN >
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