



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: issue No.:

Status:

Date of Issue: **2010-10-26** Page 1 of 4

Applicant: **ISIS-Ex Limited**
Unit A + B Windmill Industrial Estate
Snowfield Lane
Malton
North Yorkshire YO17 6BT
United Kingdom

Electrical Apparatus: **ISIS 1202 Non-Sparking Industrial PC**
Optional accessory:

Type of Protection: **Type nA**

Marking: **Ex nA IIC T4 Gc**
(Ta = -20°C to +50°C)

Approved for issue on behalf of the IECEx Certification Body: **C Ellaby**

Position: **Certification Officer**

Signature:
(for printed version)

Date:

2010-10-26

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

sira
CERTIFICATION



IECEX Certificate of Conformity

Certificate No.: IECEX SIR 10.0061X

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Manufacturer: **ISIS-Ex Limited**
Unit A + B Windmill Industrial Estate
Snowfield Lane
Malton
North Yorkshire YO17 6BT
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition: 5

IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition: 4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[GB/SIR/ExTR10.0257/00](#)

Quality Assessment Report:

[NO/DNV/QAR09.0001/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The ISIS 1202 is a flange mounting, 15" workstation that is designed for use in industrial conditions. The housing is fabricated from powder coated aluminium and provides an ingress protection of IP66, a touch screen is provided in the cover behind a glass window. The equipment is supplied with 100 to 240 V a.c., 47 to 63 Hz via a 1.5 mm² connection cable; the power supply and the connection of peripheral equipment are achieved using cable glands that are fitted in the connection box at the rear of the housing. The ISIS 1202 contains the following:

- * 15" Display
- * Projected capacitive touchscreen (PCT)
- * One of the following processors:
 - * Intel® Core™2 Duo 2.16 GHz
 - * Intel® Core™ Duo 2.0 GHz
 - * Intel® Celeron M 1.86 GHz
 - * Intel® Atom 1.6 GHz
- * 2 Gb DDR2 SDRAM
- * 80 Gb HDD

The ISIS 1202 may be stored in temperatures ranging from -40°C to +80°C.

CONDITIONS OF CERTIFICATION: YES as shown below:

- 1 To prevent the development of hot surfaces exceeding the temperature class, the user shall mount the PC with screen orientated vertically and in landscape
- 2 The user/installer shall install the ISIS 1202 taking into account any restrictions or special conditions for safe use that are applicable to the previously certified devices that are fitted in the ISIS 1202.



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EQUIPMENT(continued):

The Manufacturer shall comply with the following condition of manufacture:

1. The dielectric strength test according to IEC 60079-15:2010 clause 6.5.1 shall be applied for 60 seconds without breakdown occurring.
2. The manufacturer shall take all reasonable steps to ensure that the user/installer complies with the Conditions of Certification associated with the ISIS 1202, in addition, the manufacturer shall provide the user/installer with an appropriate copy of the certificate for each certified device that is fitted.