



# Certificate of Compliance

**Certificate:** 70174072

**Master Contract:** 272075

**Project:** 70174072

**Date Issued:** 2018-03-19

**Issued to:** American Industrial Systems, Inc.  
1768 McGaw Avenue  
Irvine, CA 92614  
USA

**Attention:** Mr. Cory Leonard

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:**

*Neil Lin*  
Neil Lin

## **PRODUCTS**

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - Certified to US Standards

Class I, Division 2, Groups A, B, C, D; T4

The HS, HP, or HD series is an enclosed type, fanless, panel-mounted or stand-alone device for data collection and processing, with a touchscreen display (except model HSXXXX-0000-XXXX or HPXXXX-0000-XXXX). It is housed in a stainless steel enclosure. It has facilities for connection to suitably-certified external devices. Rated 9-36 Vdc, 13-3 A max, 90W maximum. The products divide into 3 model series, Display, Panel PC and Box PC as below:

The product is divided into 3 model series: Display, Panel PC, and Box PC



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		Equipment Name / Model Number			
		Display	Panel PC		Box PC
		HDXXXX-XXSC-XXXXX	HSXXXX-XXSC-XXXXX	HPXXXX-XXSC-XXXXX	HXXXXX-0000-XXXX
<b>Panel specification</b>	15 inch	HDXXXX-15SC-SXXXX	HSXXXX-15SC-SXXXX	HPXXXX-15SC-SXXXX	--
	15 inch, high brightness	HDXXXX-15SC-HXXXX	HSXXXX-15SC-HXXXX	HPXXXX-15SC-HXXXX	--
	15.6 inch	HDXXXX-16SC-SXXXX	HSXXXX-16SC-SXXXX	HPXXXX-16SC-SXXXX	--
	19 inch	HDXXXX-19SC-SXXXX	HSXXXX-19SC-SXXXX	HPXXXX-19SC-SXXXX	--
	19 inch, high brightness	HDXXXX-19SC-HXXXX	HSXXXX-19SC-HXXXX	HPXXXX-19SC-HXXXX	--
	21.5 inch	HDXXXX-21SC-SXXXX	HSXXXX-21SC-SXXXX	HPXXXX-21SC-SXXXX	--
	No display	--	--	--	HSXXXX-0000-XXXX, HPXXXX-0000-XXXX
		AIS-TB-6029	AIS-SBC-7111	AIS-SBC-7114	AIS-SBC-7111 or AIS-SBC-7114
<b>Mainboard P/N</b>					

**Notes:**

1. The above models are enclosed type, Equipment Class III, Pollution Degree 2, Overvoltage Category II;
2. Mode of operation: Continuous;
3. Environmental Conditions: Normal: 2000 m max,  
 Operating temperature: -20°C to +60 °C;  
 Humidity: 10 % up to 90 % r.h. (non-condensing).



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**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- CAN/CSA-IEC 61010-2-201-14 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular requirements for control equipment
- UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
- UL Std. No. 61010-2-201 (1st Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular requirements for control equipment
- CSA C22.2 No. 213-17 - Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
- UL 121201 (9th Edition) - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70174072	2018-03-19	Original Certification.