



Certificate of Compliance

Certificate: 70206562

Master Contract: 274213

Project: 80045814

Date Issued: December 11, 2020

Issued to: iTech Company LLC
42978 Osgood Road Fremont,
CA 94539 USA

Attention: Mr. Andrew Yang

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:

Eddie Lee

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, T5

Models WMPCW2200i5-C1D2-V2 Touch Panel PC, powered by adaptor, rated 24 V, 4.16A. Two com port outputs, Ambient Temperature Range: -20°C to +60°C

Non-incendive Field Wiring Parameters:

COM1:

$V_{oc} = \pm 10V$, $I_{sc} = \pm 60mA$, $C_a = 20.0\mu F$, $L_a = 22.22mH$;

$V_{max} = \pm 15V$, $I_{max} = \pm 1.35A$, $C_i = 3.0\mu F$, $L_i = 43.895\mu H$.

COM2:

$V_{oc} = \pm 9V$, $I_{sc} = \pm 60mA$, $C_a = 40\mu F$, $L_a = 22.22mH$;

$V_{max} = \pm 25V$, $I_{max} = \pm 237mA$, $C_i = 0.4\mu F$, $L_i = 1.424mH$.



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Conditions of Safe Use:

- 1) Connection to or disconnection from this device are only allowed when confirmed all equipment are not energized, or at location which is known to be non-hazardous.
- 2) Touch Panel PC is to be powered by the supplied charging adaptor, Model SPU100-108, manufactured by Sinpro Electronics Co., Ltd. The adaptor will only be put in non-hazardous location. Suitability of the adaptor output power cord wiring method shall be determined compliance by Class I, Division 2 wiring requirements that released by local authority with jurisdiction.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 <i>August 2011</i>	General requirements — Canadian Electrical Code, Part II
CAN/CSA C22.2 NO. 213-17 UL 121201 Ed.9 Harmonized standard	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations

The following standard(s) were used in whole or in part as a guideline.

CAN/CSA-C22.2 No.62368-1-14 <i>Second Edition</i>	Audio/video, information and communication technology equipment - Part 1: Safety requirements
UL 62368-1 <i>Second Edition</i>	UL Standard for Safety Audio/video, information and communication technology equipment – Part 1: Safety requirements



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

Project	Date	Description
80045814	December 11, 2020	Update CSA report 70206562 to add new 22" display model with larger enclosure. All critical internal circuits and I/O ports remain unchanged. Alternate LCD controlled board which has no critical components. (CSA/UL62368-1 evaluated in separate project 80045815)
70206562	February 26, 2019	Original Certification of Model WTPE-9E66-15W Touch Panel PC for use in Class I, Division 2, Groups A, B, C, D hazardous locations.