



Certificate of Compliance

Certificate: 80125956

Master Contract: 302930

Project: 80125956

Date Issued: 2022-08-11

Issued To: Microcyber Corporation
17-8 Wensu Street
Hunnan New District
Shenyang, Liaoning 110179
China

Attention: Guangshu Jin

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Morton Ma
Issued by: Morton Ma



PRODUCTS

CLASS - C483801 - TELECOMMUNICATION EQUIPMENT For Hazardous Locations

CLASS - C483881 - TELECOMMUNICATION EQUIPMENT For Hazardous Locations - Certified to US Standards

The G1100 WirelessHART Smart Gateway intend to be used for explosive atmospheres and the rating is 24Vdc with less than 0.5A Max. Temp. Code is T6 based on $-20^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$. The enclosure Type 4X for indoor and outdoor.



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CONDITIONS OF ACCEPTABILITY

1. The model of button battery is BR1225A with BR Coin-type Lithium, and using in G1100 WirelessHART Smart Gateway enclosure, the button battery cannot be replaced in hazardous location.
2. Use certified cable gland, stopping plug, conduit fitting or similar device with suitable ingress of protection, and the installation shall meet the requirements of CEC (for Canada) and NEC (for USA) for wiring method in Division 2 and is subjected to acceptance of local authorities having jurisdiction.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 62368-1-14	Audio/video, information and communication technology equipment Part 1: Safety requirements
CSA C22.2 No.213-17+ Update No.1-2018+ Update No.2-2019+ Update No.3-2021	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Division 1 and 2 hazardous (classified) Location
ANSI/UL 62368-1-2014 Second Edition	Audio/video, information and communication technology equipment Part 1: Safety requirements
ANSI/UL 121201-2021 Ninth Edition	Nonincendive electrical equipment for use in Class I and II, Division 2 and Class III, Division 1 and 2 hazardous (classified) locations
CSA C22.2 No. 94.2-20	Enclosures for electrical equipment, environmental considerations
ANSI/UL 50E-2020 Third Edition	Enclosures for electrical equipment, environmental considerations

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed 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 U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The following markings are laser engraved onto the nameplate, and the nameplate fixed on the surface of product:
- Manufacturer's name: "Microcyber Corporation", or CSA Master Contract Number "302930", adjacent to the CSA Mark in lieu of manufacturer's name.



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- Model number: As specified in the PRODUCTS section, above.
 - Enclosure ratings: As specified in the PRODUCTS section, above.
 - Date code or Serial number.
 - The CSA Mark, with or without the “C” and “US” indicators, as shown on the Certificate of Conformity.
 - Hazardous Location designation: As specified in the PRODUCTS section, above. The word “Class” may be abbreviated “CL”, the word “Division” may be abbreviated “DIV”, and the word “Groups” may be abbreviated “GRP” or “GP”.
 - Temperature code rating: T6
 - Ambient temperature range: -20°C to +60°C
 - Complete electrical rating: As specified in the PRODUCTS section, above.
 - Warning:
 - WARNING - EXPLOSION HAZARD. DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED
 - AVERTISSEMENT - RISQUE D'EXPLOSION. NE PAS BRANCHER NI DÉBRANCHER SOUS TENSION
 - WARNING - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
 - AVERTISSEMENT - NE PAS OUVRIR LORSQUE UN EXPLOSIF L'ATMOSPHÈRE EST PRÉSENTE

Notes:

Products certified under Class C483801, C483881 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca





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
80125956	2022-08-11	Original cCSAus Certification on G1100 WirelessHART Smart Gateway