



CERTIFICATE NUMBER 20-1961352-1-PDA

EFFECTIVE DATE 22 October 2020

EXPIRATION DATE 25 March 2025

ABS TECHNICAL OFFICE Singapore Engineering Services

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

INTELLIGENT PLATFORMS LLC

located at

**2500 AUSTIN DRIVE, CHARLOTTESVILLE, VA, UNITED STATES,
22911**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product Monitor, Display Unit

Model IC760/761/755/758/757/756 and R2L0N

This Product Design Assessment (PDA) Certificate remains valid until 25 March 2025 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau of Shipping

Manoraaju, Engineer/ Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

INTELLIGENT PLATFORMS LLC

2500 AUSTIN DRIVE

CHARLOTTESVILLE VA

United States 22911

Telephone: +1 434-978-5000

Fax:

Email: support.mas@emerson.com

Web: www.emerson.com/en-us/automation/control-and-safety-systems/programmable-automation-control-systems

Tier: 3 - Type Approved, unit certification not required

Product: Monitor, Display Unit

Model: IC760/761/755/758/757/756 and R2L0N

Intended Service:

Propulsion Control, Power Management, Alarm & Monitoring, Auxiliary Machinery Control including ACC, ACCU and ABCU Classed Vessels and Offshore and Industrial Controls.

Description:

Touch screen panels

Quickpanel-XP (IC760CXXXXXXX)

Quickpanel -XP View & Control (IC761CXXXXXXXXXX)

Quickpanel+ (IC755CXXXXXXX)

RXi – Panel PC (IC758CXXXXXXXXXX)

RXi – Web HMI Panel (IC757CXXXXXXXXXX)

RXi – Industrial Monitor (IC756CXXXXXX)

RXi2 – LP IPC (R2L0NXXXX)

XXXXXXXXXXXX are identical to each other except for model designation (Where x may be any alphanumeric Character)

Rating:

Display: 7/10/12/15/19/24 inches

Memory: 2/4/8/16GB

Touchscreen: Projected Capacitive Touch

Power supply: 24VDC

IP 66 (Front) IP 22 (back)

Operating Temperature: -20 Deg C to 65 Deg C

Service Restriction:

Unit Certification is not required for this product.

If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. Each particular application and installation is to be specifically approved in conjunction with the relevant system, locations and environmental conditions.

Notes/Drawing/Documentation:

Test Report:

- Test Report No: 190412001C Environmental Test dated 22 January 2020 issued by Cal-tech Technology Co., Ltd – Consolidated Laboratory

- Test Report No. VS-TV-090721-01, Vibration Test by VIBRATION SOURCE TECHNOLOGY CO. LTD., Dated: July 2020, Revision: -, Pages: 14

- Test Report No. 200619001C-1, Ryzen PC UR E10 Test by CAL-TECH Technology Co.,Ltd., Dated: 13 Aug 2020, Revision: -, Pages: 78

Certificates:

- Certificate of Accreditation issued by Taiwan Accreditation Foundation, Certificate # L2873-181108 issued at 6 October 2014.

- Certificate of Accreditation issued by Taiwan Accreditation Foundation, Certificate # L2812-190912 issued at 25 October 2013.

Datasheet:

- QuickPanel-XP and QuickPanel+ (00813-0100-0111) dated Jan 2020

- RXi-Industrial Monitor Industrial Displays (GFA2161B) dated May 2019

- RXi-2-LP Industrial PC Industrial Displays (GFA2163A) dated May 2019

INTELLIGENT PLATFORMS LLC

2500 AUSTIN DRIVE

CHARLOTTESVILLE VA

United States 22911

Telephone: +1 434-978-5000

Fax:

Email: support.mas@emerson.com

Web: www.emerson.com/en-us/automation/control-and-safety-systems/programmable-automation-control-systems**Tier: 3 - Type Approved, unit certification not required**

- RXi-Web HMI Panel Industrial Displays (GFA2163B) dated May 2019

- GFA-2162C, Datasheet, Revision: -, Pages: 13

Terms of Validity:

This Product Design Assessment (PDA) Certificate remains valid until 25/Mar/2025 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

STANDARDS**ABS Rules:**

Rules for Conditions of Classification (2020) – Marine Vessels 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

2020 Rules for Building and Classing Marine Vessels: 4-9-9/3, 4-9-9/13 & 4-9-9/Table 1

National:

NA

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA