



Marine & Offshore

Certificate number: 46813/B0 BV

File number: AP4705

Product code: 4483H

This certificate is not valid when presented without the full attached schedule
composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

Intelligent Platforms, LLC

Charlottesville, VA - UNITED STATES OF AMERICA

for the type of product

DISPLAY MONITORS / VIDEO SCREENS / TERMINALS

Quickpanel +

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships.

EC Code: 31 and 31B.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 14 Sep 2026

For Bureau Veritas Marine & Offshore,

At BV PORT EVERGLADES CENTRE, on 26 Oct 2021,

Flavio Rosas



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=oaguafwhn0>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

The **Quickpanel + series** are all-in-one computers equipped with touch panels.

1.1 - Approval range:

Type	IC755CxS06RDACA	IC755CxW07CDACA	IC755CxS10CDACA	IC755CxS12CDBCA	IC755CxS15CDACA
Display type	5.7" TFT LCD	7" TFT LCD	10.5" TFT LCD	12.1" TFT LCD	15" TFT LCD
Touch panel type	Analog resistive	Projected capacitive	Projected capacitive	Projected capacitive	Projected capacitive
Communi-cations	1x Ethernet port 1x RS-232C 2x USB 2.0	1x Ethernet port 1x RS-232C 2x USB 2.0	2x Ethernet port 1x RS-232 1x RS232/485 2x USB 2.0	3x Ethernet port 1x RS-232 1x RS232/485 2x USB 2.0	2x Ethernet port 1x RS-232 1x RS232/485 2x USB 2.0
Firmware version	V1.xx	V1.xx	V1.xx	V1.xx	V1.xx

2. DOCUMENTS AND DRAWINGS :

Quickpanel+ Operator Interface User manual ref. GFK-2847J, dated May.2015.

Quickpanel+ quick start guide ref. GFK-2893J, dated May.2015.

Drawing ref. SM2-000217-31##, dated 24.Sep.2013.

Drawing ref. SM2-000215-30##, dated 09.Apr.2012.

Drawing ref. SM2-000261-20, dated 02.Apr.2014.

Drawing ref. SM2-000260-20, dated 08.Apr.2014.

Drawing ref. SM2-000253-20, dated 31.Jan.2014.

Drawing ref. SM2-000257-20, dated 10.Mar.2014.

Drawing ref. SM2-000229-21, dated 21.Feb.2014.

Drawing ref. SM2-000229-20, dated 10.Mar.2014.

Drawing ref. 13S008B, dated 07.Aug.2013.

Drawing ref. 14S003A, dated Feb.2014.

Drawing ref. 14S018B, dated 29.Jan.2015.

Software review process V1.05 dated 09/12/2011

3. TEST REPORTS :

- Curtis-Straus LLC EMC tests report No. EP2076-1 Issue 2, dated 13.Jan.2016.
- Curtis-Straus LLC Environmental tests report No. NP2076-1 Issue 1, dated 08.Jan.2016.
- Labotech test report LIC 12-21-098 dated 29 July 2021
- Labotech test report LIC 12-21-100 dated 29 July 2021
- Labotech test report LIC 12-21-097 dated 29 July 2021
- Labotech test report LIC 12-21-096 dated 29 July 2021
- Labotech test report LIC 12-21-099 dated 29 July 2021

4. APPLICATION / LIMITATION :

4.1 - BUREAU VERITAS Rules and Regulations for the Classification of Steel Ships.

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - BUREAU VERITAS Environmental Category, **EC Code: 31 and 31B.**

4.4 - The equipment fulfils the EMC requirements for installation in General Power Distribution Zones.

4.5 - The equipment fulfils the EMC requirements for installation on the Bridge and Deck Zone with the use of a DC filter.

4.6 - The installation shall comply with the Manufacturer's recommendation described in the above-referenced documentation.

4.7 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev 7.

4.8 - Hardware and Firmware / Software are to be successfully tested together in compliance with the regulations as referred to in page one according to the declaration of the manufacturer.

4.9 - In accordance with IACS UR E22 and as applicable to programmable devices for computer based systems of Category II or III, for each ship application :

- Ship specific documentation is to be submitted including software documentation and categorization of the computer based system.

- Inspection and testing before installation onboard is to be performed under the surveillance of the Society.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The above products are to be supplied by **Intelligent Platforms, LLC** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **Intelligent Platforms, LLC** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **Intelligent Platforms, LLC** has declared to Bureau Veritas the following production site :

Seedsware Corporation
3-7-16 Technostage, Izumi
5941144 Osaka
JAPAN

6. MARKING OF PRODUCT :

6.1 - Trade name.

6.2 - Date of manufacture and serial number.

6.3 - Equipment type or model identification under which it was type-tested

7. OTHERS :

7.1 - It is **Intelligent Platforms, LLC** responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate No. 46813/A2 BV issued on 06 Nov 2019 by the Society.

*** END OF CERTIFICATE ***