

# TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No. **11 126 - 14 HH**

Company **Beijer Electronics, Inc.**  
**1865 West, . 2100 South**  
**Salt Lake City, Utah, UNITED STATES**

Product Description **Touchscreen Operator Panel**

Type **T15BM, T15BR**

Environmental Category **A, D/G, EMC1**

Technical Data /  
 Range of Application **Touchscreen Operator Panel for flush mounting**  
**T15BM (Environmental category A)**  
**T15BR (Environmental category D and G)**  
**15.4", 1280 x 800 pixel, LED lighted, TFT color display**  
**CPU Intel Atom, 1GB/2GB RAM**  
**Interfaces: 2 x Ethernet, 2 x serial: RS232, RS422/485 (isolated)**  
**2 x optional CiX CAN module, galvanically isolated**  
**3 x USB 2.0.**  
**Nominal voltage: 24V DC,**  
**Degree of protection: IP66 (frontside),**

**Prefixes for operating system dependent type designations as follows:**  
**iX Operating System: iX,**  
**Windows 7 Embedded: PPC.**

**Compass safe distance: 120 cm.**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012**

Documents **Test report : LABTEST, 11244-1S, Rev. 1, 2014-06-16; LABTEST 11244-1S, Rev. 2, 2014-07-02; NEMKO-CCL 247721-2.2; NEMKO-CCL 247500-3.1; Data sheet iX T15BR; DNV-GL Long Beach Initial Assessment Report, dated 2014-06-13.**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2019-06-30**

Page **1 of 1**

File No. **I.A.03**

**Hamburg, 2014-08-28**

Type Approval Symbol

