

Certificate No. NESA-S076

Version No. 1.0

Approval date 05 October 2021
Approved by Acting GM Technical Standards
Report no. NESA-S076 (v1.0)
Report date 19/09/2021

This certificate is issued to

Supplier Westermo Data Communication Pty Ltd

In respect of

Manufacturer Westermo Data Communication Pty Ltd
Product description See approved items list
Item identification Refer to approved item list below
Application ARTC network wide
Relevant Standards EN301489 – Electromagnetic Compatibility Standard for radio equipment
 EN50121-4 – Railway Application – Electromagnetic Compatibility
 EN50155 – Railway application – Rollingstock
 SPS 02 – Environmental Conditions
 SPS 01 – Standard requirement for Signalling Electronics System
Conditions of Approval

1. Ibex-RT320-LV (24Vdc) variant shall be used for railway signalling applications.
2. Ibex-RT320-HV (72Vdc-110Vdc) variant may be used for railway signalling or onboard rollingstock applications.
3. Like for like replacements of hardware must ensure the same configuration file is installed prior to reinstatement.
4. Products shall be used in accordance with associated manufacturer's instruction and applicable ARTC standards.
5. Firmware version 6.9.5-RC1 must be installed for Ibex-RT-320.
6. Any updates to firmware or hardware shall be notified to ARTC, along with release notes and updated manuals.
7. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer shall notify ARTC of any modification or changes to obtain a valid updated certificate.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Note/Comments

Issue date 05/10/2021

Expiry date N/A

Issued by

ARTC Manager Signalling Standards

Approved Item List

Part Number	Hardware	Configuration	Operating Voltage (Isolated)	Max current
Ibex-RT-320-LV	Wireless LAN Node	<ul style="list-style-type: none"> 3 x QMA compatible antenna connectors 3x3 MIMO 2 x 10/100/1000 Base-T 2 x M12 X-coded connectors 	24Vdc	0.6A
Ibex-RT-320-HV			72Vdc – 110Vdc	0.2A