

## Modular Approval Attestation

### Federal Communication Commission

Equipment Authorization Division, Application Processing Branch  
7435 Oakland Mills Road  
Columbia, MD 21048

### Certification and Engineering Bureau

Innovation, Science and Economic Development Canada  
Spectrum Engineering Branch  
3701 Carling Avenue, Building 94  
Ottawa, Ontario K2H 8S2

### Subject: FCC / ISED Modular Approval Statement

	Grantee Code	Equipment Product Code	<i>Check your GC here. Click Grantee Search.</i>	<i>Check your CN here.</i>
FCC ID:	2AYYK	-2640M1		

<b>CN:</b> (Company Number)	26994	<b>UPN:</b> (Unique Product Number)	2640M1
<b>HVIN:</b> (Hardware Version Id. Number)	KE2640MODA1	<b>PMN:</b> (Product Marketing Name)	IO-Link Wireless Device Module
<b>HMN:</b> (Host Marketing Name)		<b>FVIN:</b> (Firmware Version Id. Number)	

### TO WHOM IT MAY CONCERN


Pursuant to Paragraphs RSP-100, Issue 12 and CFR § 15.212, we herewith declare for our module.

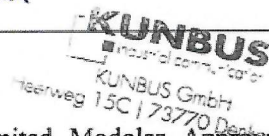
Modular approval requirement	Yes	No *
(a) The radio elements shall have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but shall be on the module assembly.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>*Please provide a detailed explanation if the answer is "No.":</b>		
(b) If the module has modulation/data input(s), they shall be buffered in order to ensure that the module will comply with the requirements set out in the applicable Radio Standards Specification (RSS) and Part 15 under conditions of excessive data rates or over-modulation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>*Please provide a detailed explanation if the answer is "No.":</b>		
(c) The module shall have its own power supply regulation on the module itself. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host product that houses the module.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>*Please provide a detailed explanation if the answer is "No.":</b>		
(d) The module shall comply with the provisions for external power amplifiers and antennas detailed in the applicable RSS and rule part. The equipment certification application shall contain: <ul style="list-style-type: none"> <li>i. a detailed description of the configuration of highest antenna gain for each type of transmitting antenna for licence-exempt modules;</li> <li>ii. the maximum transmitting antenna gain for licence modules; and</li> <li>iii. a detailed description of the configuration of lowest antenna gain for each type of receiving antenna for Dynamic Frequency Selection (DFS) modules with removable antenna(s).</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>*Please provide a detailed explanation if the answer is "No.":</b>		

Modular approval requirement		Yes	No *
(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration (i.e. the module shall not be inside another product during testing).		<input type="checkbox"/>	<input checked="" type="checkbox"/>
*Please provide a detailed explanation if the answer is "No.":	The module is not equipped with an antenna. Therefore, a reference board is required for testing.		
(f) The module complies or will comply with applicable RSS-102 exposure requirements and any applicable FCC RF exposure requirement (§§1.1307(b), 1.1310, 2.1091, and 2.1093) in its intended configuration/integration in a host.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Please provide a detailed explanation if the answer is "No.":			
(g) The module must be labeled with its permanently affixed label (indicating ISED certification number, HVIN and FCC identifier), or use an electronic display (see KDB Publication 784748 and RSP-100, section 5).		<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Please provide a detailed explanation if the answer is "No.":			
(h) The module must comply with all specific rules applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Please provide a detailed explanation if the answer is "No.":			
(i) (Only applicable for FCC) The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per §§ 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b). For further information concerning antenna connectors see: DA-00-1087.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
*Please provide a detailed explanation if the answer is "No.":			

If you have any questions, please feel free to contact us at the address shown below

Best regards,

Company Name:	KUNBUS GmbH		Phone:	+4971140091573
Company Address:	Heerweg 15c		Fax:	+4971140091501
	73770	Denkendorf	E-mail:	s.kaufmann@kunbus.com
	GERMANY			
Contact Name:	SANDOR KAUFMANN / COO			
Signature:			Signature Date:	19 January 2021



**INFO for applicant:** Limited Modular Approval (LMA) may be granted when **one or more** of the requirements in the table above cannot be demonstrated. LMA will also be issued in those instances where applicants can demonstrate that they will retain control over the final installation of the device, such that compliance of the end product is assured. In such cases, an operating condition on the LMA for the module must state that the module is only approved for use when installed in devices produced by a specific manufacturer.

When LMA is sought, the application for equipment certification must specifically state **how control of the end product**, into which the module will be installed, will be maintained, such that full compliance of the end product is always ensured.