



REPUBLIC OF THE PHILIPPINES
NATIONAL TELECOMMUNICATIONS COMMISSION
NTC Building, BIR Road, East Triangle, Diliman, Quezon City
Email: ntc@ntc.gov.ph; website: <http://www.ntc.gov.ph>

TYPE ACCEPTANCE CERTIFICATE
No. ESD – 1817975C

Name of Grantee : **HMS Industrial Networks AB**
Address : Stationsgatan 37, SE-302 45 Halmstad, Sweden
Type of Equipment : **Wireless Industrial Gateway/Bridge with WLAN and Bluetooth Module***
(Short Range Device)
Trade Name : **Anybus**
Model Name : **AWB3**
Commercial Name : **Wireless Bridge II**
Manufacturer : **HMS Industrial Networks AB, Sweden**

TYPE ACCEPTANCE of the equipment identified above is hereby issued to the above named **GRANTEE** for use in the Philippines subject to existing NTC rules and regulations.

Equipment RF Characteristics:

	<u>WLAN</u>	<u>Bluetooth</u>
Frequency Range	: 2400 – 2483.5 MHz 5150 – 5350 MHz 5470 – 5850 MHz	2400 – 2483.5 MHz
RF Power Output	: 117 mW (2.4 GHz) 23 mW (5 GHz)	6.8 mW
Modulation Type	: DSSS/OFDM	FHSS

NATIONAL TELECOMMUNICATIONS COMMISSION
COMMISSION SECRETARIAT

NOV 06 2018

NO ADMINISTRATIVE CASE

This Commission reserves the right to cancel, modify and/or alter this certification and may require necessary modification of the technical specifications of the above mentioned equipment when public interest so requires.

Issued on **NOV 06 2018**, Quezon City, Philippines.

OR NO. 127124
DATE 10 Nov 2018
AMOUNT ₱ 70 ₱ 10
HERMINIA E. LAMPANO
Administrative Aide IV 11-6-18

DELILAH F. DELES
Deputy Commissioner

11-06-18

* ublox ODIN-W2

Conditions to the Grant:

- Any change/modification of the circuitry and/or specifications of this equipment shall render this certificate null and void. No method of frequency programming for this equipment shall be made accessible to the user. Non-compliance to this condition shall render this grant null and void.
- This certificate shall be cancelled if the operation of this equipment shall cause harmful interference to existing authorized radio communications systems.
- This equipment is subject to registration in accordance with existing NTC rules and regulations.
- This certificate is not valid without payment of the prescribed fees and official dry seal of this Commission.
- This supersedes the previously issued Type Acceptance Certificate with Cert. No.: ESD-1817975C dated October 08, 2018 due to correction of model name and commercial name. **Revision 1.**

JVC / mecs

Note: Doc. Stamp Paid