



REPUBLIC OF THE PHILIPPINES  
**NATIONAL TELECOMMUNICATIONS COMMISSION**  
 NTC Building, BIR Road, East Triangle, Diliman, Quezon City  
 Email: [ntc@ntc.gov.ph](mailto: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 ₱ 70  
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 for  
**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 / mcds

Note: Doc. Stamp Paid