



CERTIFICATE OF TYPE APPROVAL 類 型 檢 定 證 書

This is to certify that the equipment below has been evaluated and found to comply with the **HKCA1033 (Issue 7), HKCA1039 (Issue 6), HKCA1048 (Issue 2), HKCA1057 (Issue 1) and HKCA1073 (Issue 1)** performance specification issued by the Communications Authority.

茲證明下述無線電訊設備已予鑑定，符合通訊事務管理局所發出的 **HKCA1033(第七版), HKCA1039(第六版), HKCA1048(第二版), HKCA1057(第一版) 及 HKCA1073 (第一版)**效能規格。

Certificate Holder 證書持有人	: UAB Teltonika Telematics Saltoniskiu st. 9B-1, Vilnius, Lithuania
Manufacturer 製造商	: UAB Teltonika EMS
Brand Name 牌子	: Teltonika Telematics
Type Number 型號	: FMC130
Trade Name 商用名稱	: LTE/GNSS/BLE TERMINAL
Category 類別	: 1) Digital Public Mobile (Cellular) Radio Equipment (GSM/PCS) – Non-Telephone 數碼式公共流動(蜂窩式)無線電設備(GSM/PCS) – 非電話 2) Digital Public Mobile (Cellular) Radio Equipment (CDMA Direct Spread) – Non-Telephone 數碼式公共流動(蜂窩式)無線電設備(CDMA Direct Spread) – 非電話 3) Digital Public Mobile (Cellular) Radio Equipment (E-UTRA) – Non-Telephone 數碼式公共流動(蜂窩式)無線電設備(E-UTRA) – 非電話 4) Radio Equipment Exempted from Licensing – Bluetooth 豁免領牌的無線電設備 – 藍牙

Type of Modulation 調制種類	: 1) GSM/PCS: GMSK, 8PSK 2) WCDMA: QPSK 3) LTE: QPSK, 16-QAM 4) GFSK, $\pi/4$ -DQPSK, 8DPSK
R.F. Channel Separation 射頻頻道間距	: 1) GSM/PCS: 200 kHz 2) WCDMA: 5 MHz 3) LTE: 1.4 MHz, 5 MHz, 10 MHz, 20 MHz 4) Bluetooth: 1 MHz, 2 MHz
R.F. Output Power 射頻輸出功率	: 1) GSM: 33.0 dBm, PCS: 30.0 dBm 2) WCDMA: 24.0 dBm 3) LTE: 23.0 dBm 4) Bluetooth: 5.22 dBm (e.i.r.p.)
Operating Frequency Range 操作頻率範圍	: 1) GSM/PCS TX: 880 – 915 MHz, 1710 – 1785 MHz GSM/PCS RX: 925 – 960 MHz, 1805 – 1880 MHz 2) WCDMA TX: 880 – 915 MHz, 1920 – 1980 MHz WCDMA RX: 925 – 960 MHz, 2110 – 2170 MHz 3) LTE TX: 880 – 915 MHz, 1710 – 1785 MHz, 1920 – 1980 MHz, 2300 – 2390 MHz, 2500 – 2570 MHz LTE RX: 925 – 960 MHz, 1805 – 1880 MHz, 2110 – 2170 MHz, 2300 – 2390 MHz, 2620 – 2690 MHz 4) Bluetooth: 2400.0 – 2483.5 MHz
Battery Model 電池型號	: 621230

The issue of this Certificate is subject to the conditions stated overleaf.

本證書的發出受到背頁所列的條件規限。

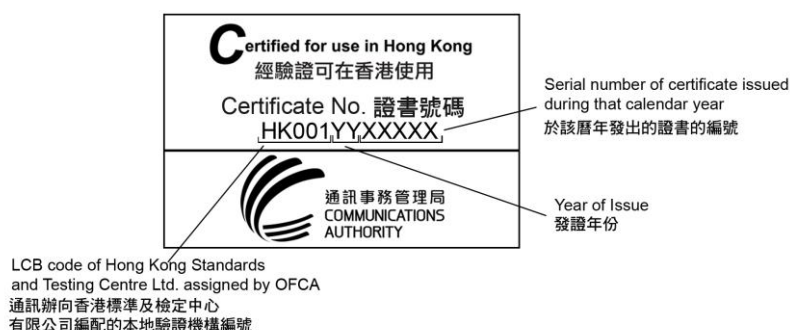
Date of Issue: 2021-10-29
發證日期: 二零二一年十月二十九日



Dr. LEE Kam Chuen,
Authorized Signatory, for and on behalf of
The Hong Kong Standards and Testing Centre Ltd.
(Local Certification Body accredited under section 32E of
the Telecommunications Ordinance, Hong Kong SAR)

CONDITIONS

1. The certificate holder is agreed to abide by the Regulations for Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies (“LCB Scheme”) as set forth and amended from time to time by The Hong Kong Standards and Testing Centre Ltd.
2. Prior approval from The Hong Kong Standards and Testing Centre Ltd. is required for any alteration in Model No. / Brand Name or other particulars for this equipment.
3. No electrical or mechanical change shall be made to this equipment without prior approval from The Hong Kong Standards and Testing Centre Ltd.
4. The Hong Kong Standards and Testing Centre Ltd. reserves the right to call for additional samples of the equipment marketed for testing against the Communications Authority’s specifications.
5. This certificate may be withdrawn if the equipment marketed is found not meeting the technical specification(s) prescribed by the Communications Authority of Hong Kong or any of the conditions on this certificate is breached.
6. The certificate holder shall perform remedial actions or recall the certified equipment marketed in Hong Kong as may be required by The Hong Kong Standards and Testing Centre Ltd. or the Communications Authority of Hong Kong if they are found not meeting the prescribed technical or safety requirements.
7. The Communications Authority retains all authority under the law to interpret, implement and enforce the relevant technical regulations governing telecommunications equipment, as well as industrial, scientific and medical equipment emitting radio frequency energy intentionally, which is for use or sale in Hong Kong.
8. The grantee of this certificate allows the Office of the Communications Authority to publish the relevant technical information on its website.
9. This certificate may be withdrawn and all the marketed equipment may be recalled if the equipment is a customer premises equipment and generates connection problems in the Hong Kong public telecommunications network.
10. Product certification system is Type 1a as defined in ISO/IEC 17067:2013. Certification is based on the “Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Body (LCB Scheme), OFCA I 426(20) Issue 4”.
11. The equipment certified can be voluntarily identified by a label in a format stipulated in the HKCA3211 – Standardisation Guide for Labelling of Telecommunications Equipment. Manufacturers, suppliers or dealers can affix a label as shown below to the equipment or to the packing materials on a voluntary basis. (Note: The Hong Kong Standards and Testing Centre Ltd. does not own the proprietary right of the label nor do we have the authority to interpret the requirements in that HKCA Guide. For avoidance of doubt, the aforesaid label is prescribed by the Communications Authority.)



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