



## 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 7), HKCA1057 (Issue 2) and HKCA1073 (Issue 1)** performance specification issued by the Communications Authority under the Scheme on Certification of Telecommunications Equipment and Industrial, Scientific and Medical (ISM) Equipment by the Local Certification Bodies (LCB Scheme) (OFCA I 426(22) Issue 5 April 2022).

茲證明下述無線電訊設備已予鑑定，符合通訊事務管理局根據本地認證機構對電訊設備和工業、科學及醫療設備進行驗證的計劃(本地認證機構計劃) (OFCA I 426(22) 第五版二零二二年四月) 所發出的 **HKCA1033 (第七版), HKCA1039 (第七版), HKCA1057 (第二版) 及 HKCA1073 (第一版)** 效能規格。

Certificate Holder : TELTONIKA TELEMATICS, UAB  
證書持有人 Saltoniškių g. 9B-1, LT-08105, Vilnius, Lithuania

Manufacturer : TELTONIKA TELEMATICS, UAB  
製造商 Saltoniškių g. 9B-1, LT-08105, Vilnius, Lithuania

Brand Name : TELTONIKA TELEMATICS  
牌子

Model Number : FMC650-MCX50  
型號

Trade Name : Fleet Management System  
商用名稱

Type of Equipment : 1) Digital Public Mobile (Cellular) Radio Equipment  
設備類型 (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) Radio Equipment Exempted from Licensing – Bluetooth  
豁免領牌的無線電設備 – 藍牙

Date of Issue: 2025-08-14

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Authorized Signatory, for and on behalf of

The Hong Kong Standards and Testing Centre Ltd.

The issue of this Certificate is subject to the Conditions stated on last page.  
本證書的發出受到末頁所列的條件規限。

This certification body (Registration Number HKCAS 019) is accredited by HKAS under HKCAS for specific certification activities as listed in the scope of accreditation. This certificate is issued under the terms of accreditation in accordance with HKAS regulations at the time of the issuance of this certificate. The status and scope of accreditation of this certification body may be updated from time to time. Please refer to the latest scope of accreditation of the certification body as published in HKAS' website or contact this certification body to verify the accreditation status of the certification activities covered by this certificate.

Type of Equipment 設備類型	: 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
Type of Modulation 調制種類	: 1) GSM/PCS: GMSK, 8PSK 2) Bluetooth: GFSK 3) LTE: QPSK, 16QAM, 64QAM
R.F. Channel Separation 射頻頻道間距	: 1) GSM/PCS: 200 kHz 2) Bluetooth: 2 MHz 3) LTE: 1.4 MHz, 5 MHz, 10 MHz, 20 MHz
R.F. Output Power 射頻輸出功率	: 1) GSM: 33.0 dBmW /PCS 30 dBmW 2) Bluetooth: 6.64 dBmW (e.i.r.p.) 3) LTE: 23.0 dBmW
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) Bluetooth: 2400.0 – 2483.5 MHz 3) LTE TX: 703 – 738 MHz, 880 – 915 MHz, 1710 – 1785 MHz, 1920 – 1980 MHz, 2300 – 2390 MHz, 2500 – 2570 MHz LTE RX: 758 – 793 MHz, 925 – 960 MHz, 1805 – 1880 MHz, 2110 – 2170 MHz, 2300 – 2390 MHz, 2620 – 2690 MHz
Antenna Information 天線資料	: Internal Antenna

### **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 certificate holder 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 scheme is Type 1a as defined in ISO/IEC 17067:2013.
11. For equipment classified under “Compulsory Certification Scheme” (CCS), use of the equipment shall be subject to the issue of a licence by the Communications Authority or in accordance with the requirements under a class licence.

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