

# TIMCO ENGINEERING INC.

849 NW State Road 45  
Newberry, Florida 32669

<http://www.timcoengr.com>

888.472.2424 F 352.472.2030 email: [cb@timcoengr.com](mailto:cb@timcoengr.com)

10/18/2017

Our File: 1803IC17  
Radio Cert. No.: IC: 23236-ESP12F

Shenzhen Ai-Thinker Technology Co., LTD.  
6/F, Block C2, Huafeng Industrial Park,  
Hangcheng Road, Baoan district, Shenzhen,  
518100, China

Attention: Mars Ma

Dear Sir/Madame:

I have reviewed the test report and related documents, and am pleased to advise that this device meets our procedural and specification requirements for certification. The field offices have been notified.

The assigned certification number and the model number must be shown on each equipment model. This certification identification information may be shown on the equipment model identification plate or on a separate label that shall be indelible and tamper proof. The certification number shall be prefixed with the letters "IC:" Radio equipment is certified as described on the attached certification certificate.

Certificate(s) are attached for the following HVIN/ model(s):  
ESP-12F

Please feel free to contact us if you have any questions or comments.

Sincerely,

*Timco Engineering Inc.*

## Canadian Certification

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No. ➤ 1803IC17

## TECHNICAL ACCEPTANCE CERTIFICATE

### Certification No.

➤ IC:23236-ESP12F

### Issued To

➤ Shenzhen Ai-Thinker  
Technology Co., LTD.  
6/F, Block C2, Huafeng  
Industrial Park,  
Hangcheng Road, Baoan  
district, Shenzhen,  
518100, China

### Tested By

➤ CENTRE TESTING INTERNATIONAL GROUP  
CO., LTD.  
Company No: 7408A  
Build C, Hongwei Industrial Zone, Bao'an 70 District,  
Shenzhen, Guangdong CHINA  
86-755-3368 2242; 86-755-3368 3385-2242  
[fengweilin@cti-cert.com](mailto:fengweilin@cti-cert.com)

### Type of Equipment

➤ Spread Spectrum/Digital Device (2400-2483.5 MHz)  
➤ Modular Approval (MA)

### Type of Service

➤ New Certification (Single)

### Hardware Version Id Number (HVIN)

➤ ESP-12F

### Product Marketing Name: (PMN)

➤ ESP-12F

### Firmware Version Id Number (FVIN)

➤ V1.0

### Host Marketing (HMN)

➤ N/A

FREQUENCY RANGE	EMISSION DESIGNATIONS <small>NECESSARY BANDWIDTH &amp; EMISSION CLASSIFICATION</small>	R.F. POWER	ANTENNA INFO	SPECIFICATION/ ISSUE & DATE	
2412-2462 MHz	10M5G1D	0.0337 W	PCB 2dBi	RSS-247	Issue 2; Feb 17
2412-2462 MHz	17M8F1D	0.0436 W	PCB 2dBi	RSS-247	Issue 2; Feb 17

Note1: This equipment also complies with RSS-102, Issue 5 (March 2015) and RSS-Gen, Issue 4 (Nov 2014)

Certification of equipment means only that the equipment has met the requirements of the above noted specifications. License applications, where applicable to use certified equipment, are acted on accordingly by the issuing office and will depend on the existing radio environment, service and location of operation.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation.

This certificate is issued on condition that the holder complies and will continue to comply with the requirements of the radio standards specifications and procedures issued by Industry Canada.

Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specifications.

J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.

ISSUED UNDER THE AUTHORITY OF MINISTER OF INDUSTRY  
DÉLIVRÉ AVEC L'AUTORISATION DU MINISTRE DES INDUSTRIES



S. S. Sanders, President

DATE: October 18, 2017

## Canadian Certification

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