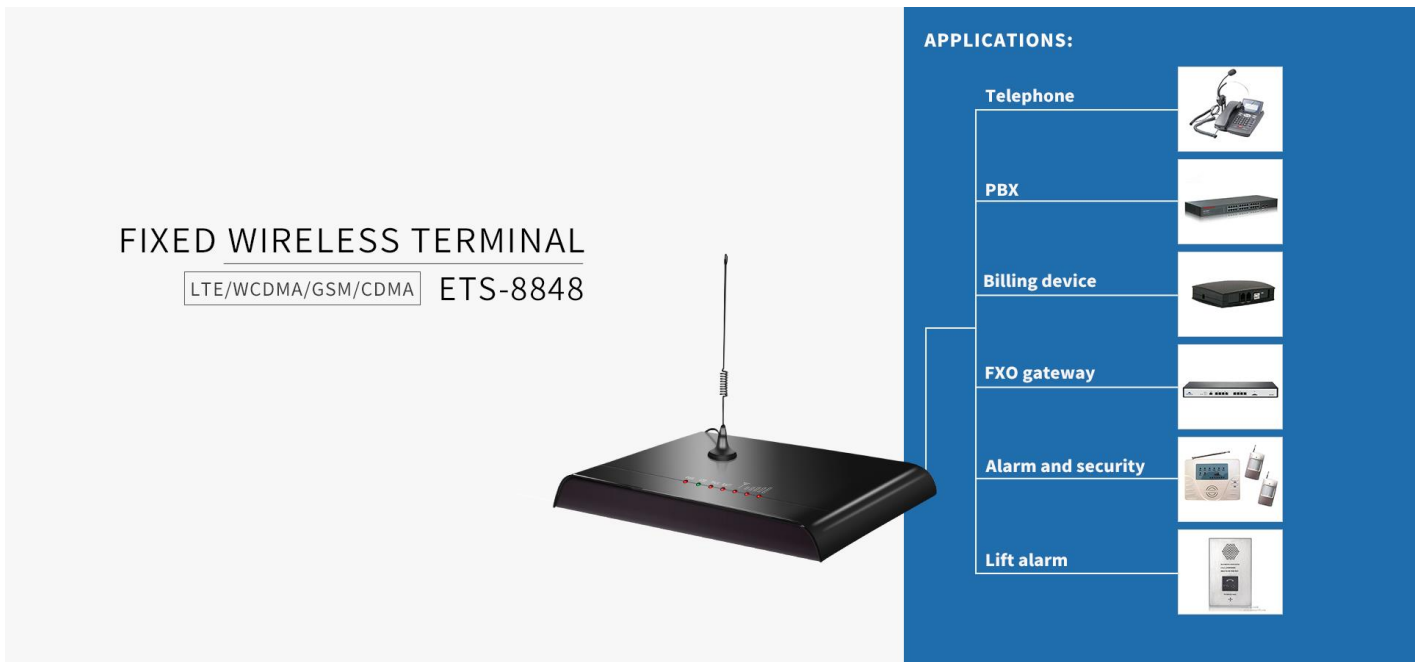


GSM fixed wireless terminal FWT-8848

Multifunction connecting terminal by Rj11 port /Sim card to landline converter



1.General Description

GSM FWT-8848 is a GSM to Analog Converter (single port, insert 1 sim card only), the device can produce a FXS line to allow a regular phone to be connected and used just like a local landline (PSTN) except your calls will go out the GSM network. This device can both receive and make calls.

The main application is: Connecting the RJ-11 FXS line to connect Ordinary telephone set for voice call; to connect PBX for call extensions; to connect billing systems for public phone use; to connect VoIP FXO gateway to realize VoIP call termination; to connect alarm system for security purpose, etc. It is not a VOIP gateway, nor a GSM+VOIP gateway, It is a GSM Fixed Wireless Terminal that produces an analog FXS phone line .

2.Features:

- 1) It is a 1 channel GSM FWT which has 2 RJ-11 outputs for extensions;
- 2) It can connect with ordinary telephone set, Alarm system, PBX , Billing meter, VOIP Gateway etc. ;
- 3) Dialing tone frequency:450hz;
- 4) Employ Industrial module to make;
- 5) Can adjust dial interval from 0.5sec to 9 secs by setting up from telephone set;
- 6) Can adjust voice volume by setting up from telephone set;
- 7) SIM card supported (1.8V, 3V);
- 8) Caller ID display;
- 9) DTMF Dialing;
- 10) Bell signal;
- 11) Polarity reversal;
- 12) The RJ-11 socket which connect the phone or billing system for metering purpose;
- 13) Antenna socket (SMA);
- 14) IP Presetting;
- 15) Working status and Signal Strength by LED indicator;
- 16) IMEI Change (optional).
- 17) PIN Lock & Network Lock(optional)
- 18) Back up Li-ion battery 7.4V 900mAh.standby 24hrs,talking time: 2.5hrs.

3. Technical Specifications:

Air interface standard: GSM850/1900MHz,900/1,800MHz phase 2+ full band

Frequency ranges:

A) GSM 850

GSM 1900:

I) Transmission: 869.2 ~ 893.8MHz

I) Transmission: 1,930 ~ 1,990MHz

II) Reception: 824.2 ~ 848.2MHz

II) Reception: 1,850 ~ 1,910MHz

B) GSM 900:

GSM 1800:

I) Transmission: 890 ~ 915MHz

I) Transmission: 1,710 ~ 1,785MHz

II) Reception: 935 ~ 960MHz

II) Reception: 1,805 ~ 1,880MHz

Phone interface: supply RJ-11 Phone Interface

Hanging voltage: 45V

Picking off voltage: 30mA / 41mA

Dialing tone Frequency: 450Hz

Antenna interface: Antenna amplifying >2.5db

Sensitivity: <-104DBM

Transmitting power <3W

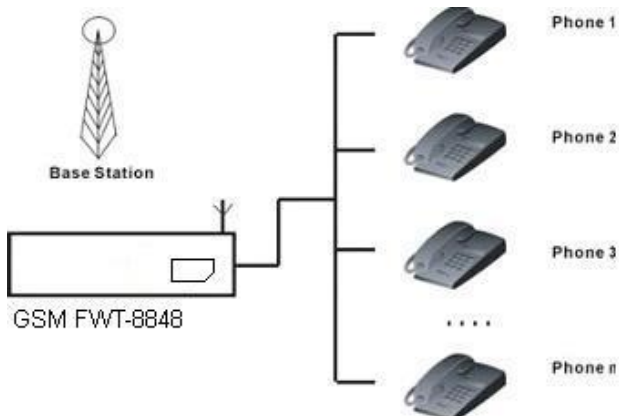
Color: White /Black (optional)

AC-Adapter interface: Input: AC 110~240VAC 50~60Hz; Output: 12DC 1A.

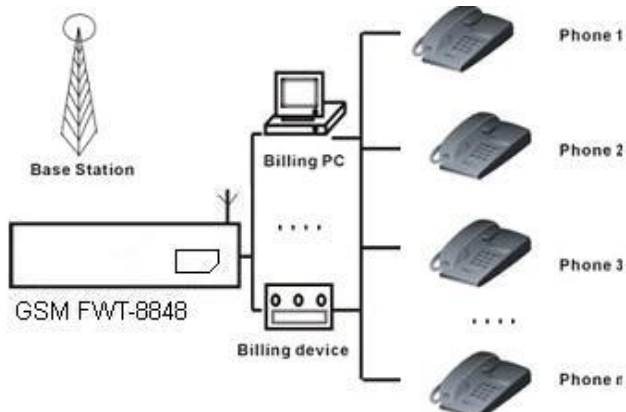
AC-Adapter type: EU, US, AU, British can be optional

4. Application

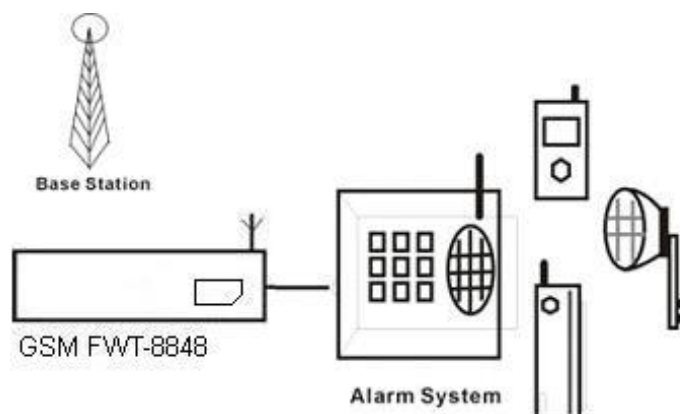
1) The Installation for Connecting to Ordinary Telephone



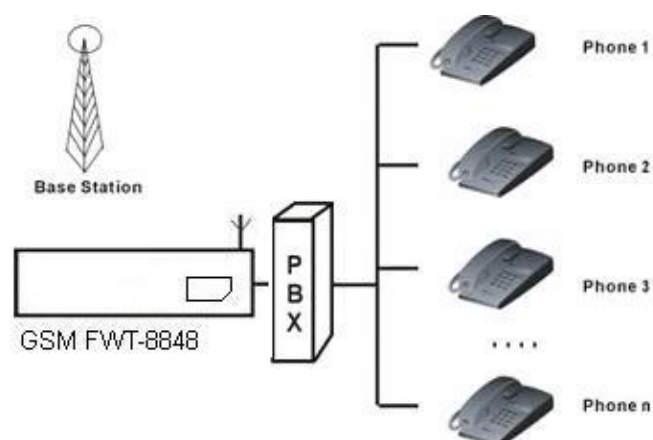
2) The installation for connecting to billing device for metering



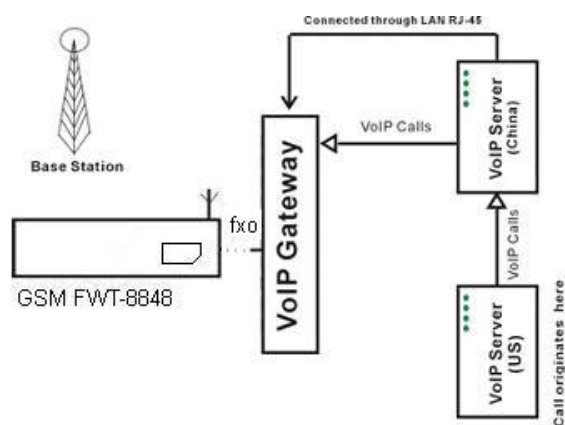
3) The installation for connecting to alarm system for Security



4) The installation for connecting to PBX for call extensions



5) The installation for connecting VoIP gateway for Call Termination



5.Packing List

Name	Quantity	Remark
GSM FWT 8848	1pcs	Dual band or Quadband
AC Adapter	1pcs	AC-110-240V, DC12V/1A
Antenna	1pcs	Magnetic Antenna with 3m cable
User Manual	1pcs	English

6.Certificates

We exported huge quantity of model FWT-8848 to overseas in the past 14 years,

With Complete qualifications and strong strength.

 **Attestation of Global Compliance Science & Technology Co., Ltd.**
1F, NO.2 Building, ChaXi SanWei Industrial zone, GuShu Community, XiXiang Street, Bao'an, Shenzhen, China
Tel: 0086-755-2974 2358 Fax: 0086-755-2600 8484 E-mail: agc@agc-cert.com Http://www.agc-cert.com

ETSI EN 301 489-01 V 1.8.1: 2008-04
ETSI EN 301 489-07 V 1.3.1: 2005-11
TEST REPORT

For

GSM Fixed Wireless Terminal

Model Name: ET-8848

Brand Name: ETROSS

Report No.: AGC11110904SZ01E1

Date of Issue: Apr.15,2009

Prepared For

Shenzhen Etross Telecom Co., Ltd.

202, 2/F, Block B, Yuetong Comprehensive Bldg., No.66 Meilong Road,
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TEL: +86-755-26205454
FAX: +86-755-28167031

Prepared By

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XiXiang Street, Bao'an, Shenzhen, China

TEL: 86-755-2974 2358
FAX: 86-755-2600 8484

The test results shown in this test report refer only to the sample(s) tested unless otherwise stated.
This test report can't be reproduced, except in full, without prior written permission of AGC.



Expertise

Expert Opinion of the Notified Body on the Conformity Assessment
according to Article 10.5 of R&TTE Directive 1999/5/EC

PHOENIX TESTLAB
EU Identification Number 0700

Recognized by 

Expertise No. 15-210193

Certificate Holder Shenzhen Etross Telecom Co., Ltd.

Address 3/F, Block B, Yuetong Comprehensive Bldg.,
Minle Road, Longhua New District
Shenzhen, China

Product Description GSM Fixed Wireless Terminal

Brand Name / Model Name GOLDFONE; ETROSS / C26; 8848

Opinion on the Essential Requirements
Article 3.1a): Health and Safety Remarks see annex

Article 3.1b): Electromagnetic Compatibility Remarks see annex

Article 3.2: Effective Use of the Radio Spectrum No remarks

CE-marking
Marking Example (Class 1) **CE 0700**

This certificate is issued in accordance with the Directive 1999/5/EC of the European Parliament and the Council on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity dates 9th March 1999 and is only valid in conjunction with the following annex (2 pages).

Blomberg, 29 July 2015
Place, Date of Issue

 Signed by Alan Lane
Notified Body

Phone +49(0)5235-9500-24
Fax +49(0)5235-9500-28
notifiedbody@phoenix-testlab.de

PHOENIX TESTLAB GmbH
Königsweinkel 10
D-32625 Blomberg, Germany
www.phoenix-testlab.de



EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number 0700

Recognized by 

Expertise No. 15-210193

This is to certify that:
PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	18-210117
Manufacturer	Shenzhen Etross telecom Co., Ltd.
Address	301, Block B, Yuetong Comprehensive Bldg, Meilong Road, Longhua Town, Bao'an District Shenzhen, Guangdong Province China 518109
Product Description	GSM FIXED WIRELESS TERMINAL
Brand Name / Model Name	smartwares / SA125; ETROSS / 8848

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue 2018-01-24 Expiry date: 2023-01-23

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.

 Signed by Alan Lane
Notified Body

PHOENIX TESTLAB GmbH
Königsweinkel 10
D-32625 Blomberg, Germany
www.phoenix-testlab.de



Certificate of Compliance

RoHS DIRECTIVE 2011/65/EU

Certificate Number: TMC151020003-CC-I-02

Applicant: Shenzhen Etross Telecom Co., Ltd

Address of Applicant: 301, 3F, Block B, Yuetong Comprehensive Bldg, 66th, Meilong Road, Longhua District, Shenzhen City, PRC

Manufacturer: Shenzhen Etross Telecom Co., Ltd

Address of Manufacturer: 301, 3F, Block B, Yuetong Comprehensive Bldg, 66th, Meilong Road, Longhua District, Shenzhen City, PRC

Product Name: GSM FIXED WIRELESS TERMINAL

Trade Name: ETROSS

Model Number: ETROSS 8848

Sufficient samples of the product have been tested and found to be conformity with

Test Standard: EPA3050B:1996, EN1122:2001,
EPA3052:1996, EPA3060A,
EPA7196, EPA3540C, EPA8270C

As Shown in the
Test Report Number: TMC151020003-CR-I-02

Conclusion
This Certification of RoHS Compliance has been granted to applicant based on the results of tests, performed by Laboratory of TMC International Inspection & Certification Group LTD on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the RoHS Directive (2011/65/EU). It is possible to use RoHS marking to demonstrate the compliance with this Directive.

Authorized by
Lemon
Director of Certification

 Issued date: October 20, 2015

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report above mentioned. Copyright of this certification is owned by TMC and may not be reproduced other than in full and with the prior approval of the General Manager.

TMC International Inspection & Certification Group LTD
D103, Tianhui Building, Yousong Road, Longhua District, Shenzhen,
Guangdong, P.R. China.
Tel:86-755-86642861 Fax:86-755-86642996
E-mail: cert@tmc-lab.com www.tmc-lab.com



[7. More pictures](#)

