SaGeMCOM WiFi Router User Manual

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SaGeMCOM WiFi Router User Manual

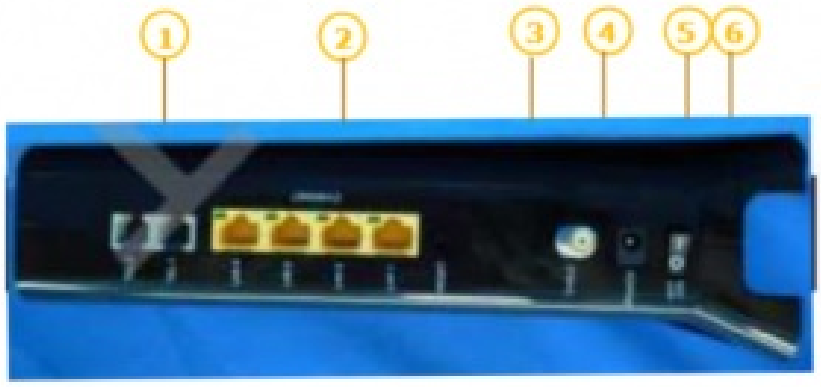
1. Introduction

This F@ST 3686 Cable Gateway is an Embedded Media Terminal Adapter (EMTA) which is CableLabs DOCSIS 3.0 and PacketCable 1.5 compliant. It provides high-speed Internet access as well as cost-effective, toll-quality telephone voice and fax/modem services over residential, commercial, and education subscribers on public and private networks via an existing CATV infrastructure. F@ST 3686 offers high-speed LAN connec tivity with 4 Gigabit Ethernet ports and one integrated Wireless LAN access point compatible with IEEE 802.11a/b/g/n. The Wireless access point is operating on 2.4GHz band.

Package Contents

F@S T3284u Gateway	x1
Ethernet Cable (RJ45)	x1
Phone Cable (RJ11)	x1
Quick Start Guide	x1
Power Supply Unit	x1

2 .Hardware Connection



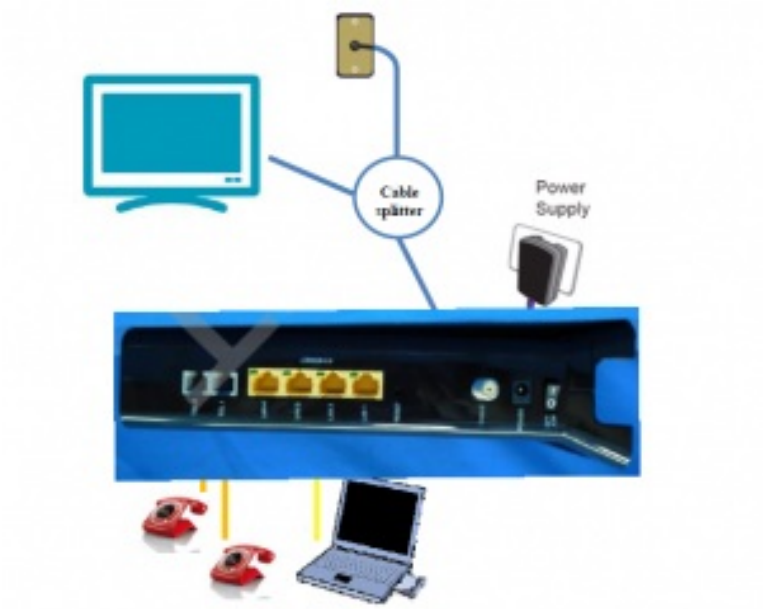
1. RJ-11 Telephone port lines 1 and 2
2. Ethernet 10/100/1000 BaseT RJ-45 connector
3. Restore To Factory Defaults button

4. RF coaxial F-connector Power plug
5. Power switch ON/OFF

3 connecting The F @ 3284 Gateway to Your Computer

Installation Procedure for Ethernet Interface
Follow the steps below for proper installation:

1. Make sure your computer meets the system requirements.
2. Connect a coaxial cable to the wall plug
3. Connect a coaxial cable to the CABLE connector on the F@ST3686 and screw it at the bottom manually (do not force).
   Note: To speed up the registration process of F@ST3686 , the coaxial cable should be connected to the gateway prior to the power connector. 4. Connect the RJ45 Ethernet cable to the
4. ETHERNET connector on the gateway, connect the other end with the 10/100/1000BaseT Ethernet port on your computer.
5. Plug the RJ11 telephone cord(s) to the TEL 1 or TEL2 connector (s) of the cable modem. (Plug the RJ11 telephone cord(s) to the PSTN connector on the modem, connect to the PSTN service provider. This step is for EMTA with PSTN model only.)
6. Plug the power supply unit into the POWER connector of the modem.
7. Plug the other end of the power supply unit into a power outlet.
8. Power ON the F@ST3686 by pressing the ON/OFF button on the rear panel of the F@ST3686.
9. The cable gateway will look for the proper cable modem signal in the Cable Television network and process the initial registration. The cable gateway is ready for data transfer after the LED “INTERNET” is in solid white. The gateway is ready to make a phone call after the LED “Tell” or “Te12” is in solid white.
   Note: The RESET button at the rear panel is for maintenance purpose only.



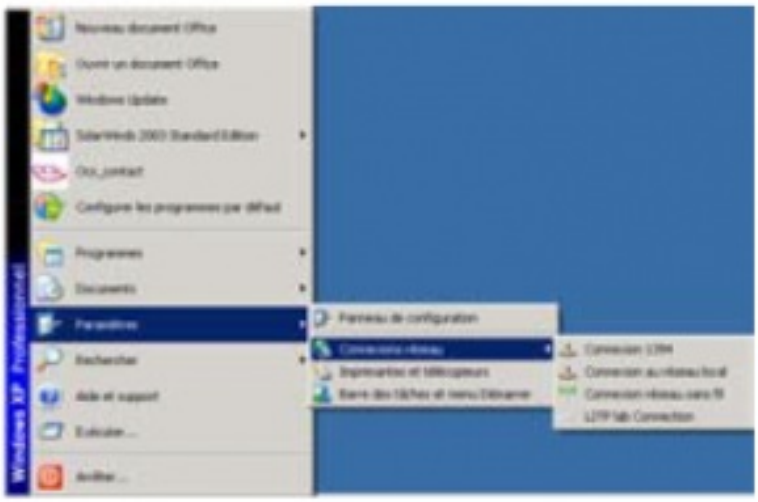
The screen of the coaxial cable is intended to be connected to earth in the building installatio

4 Wireless Connection

Step 1

Under the gateway, on the label, note the reference of SSID and WPA wireless password.

Step 2



• Click on “Start” then on: Network Connection Wireless network connection

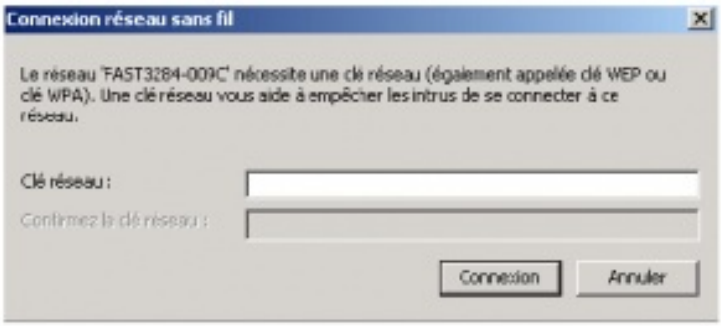
Step 3

In this new Window, search for the SSID value and select it by double clicking on it

Step 4

- The computer asks for a It is the WPA wireless password.

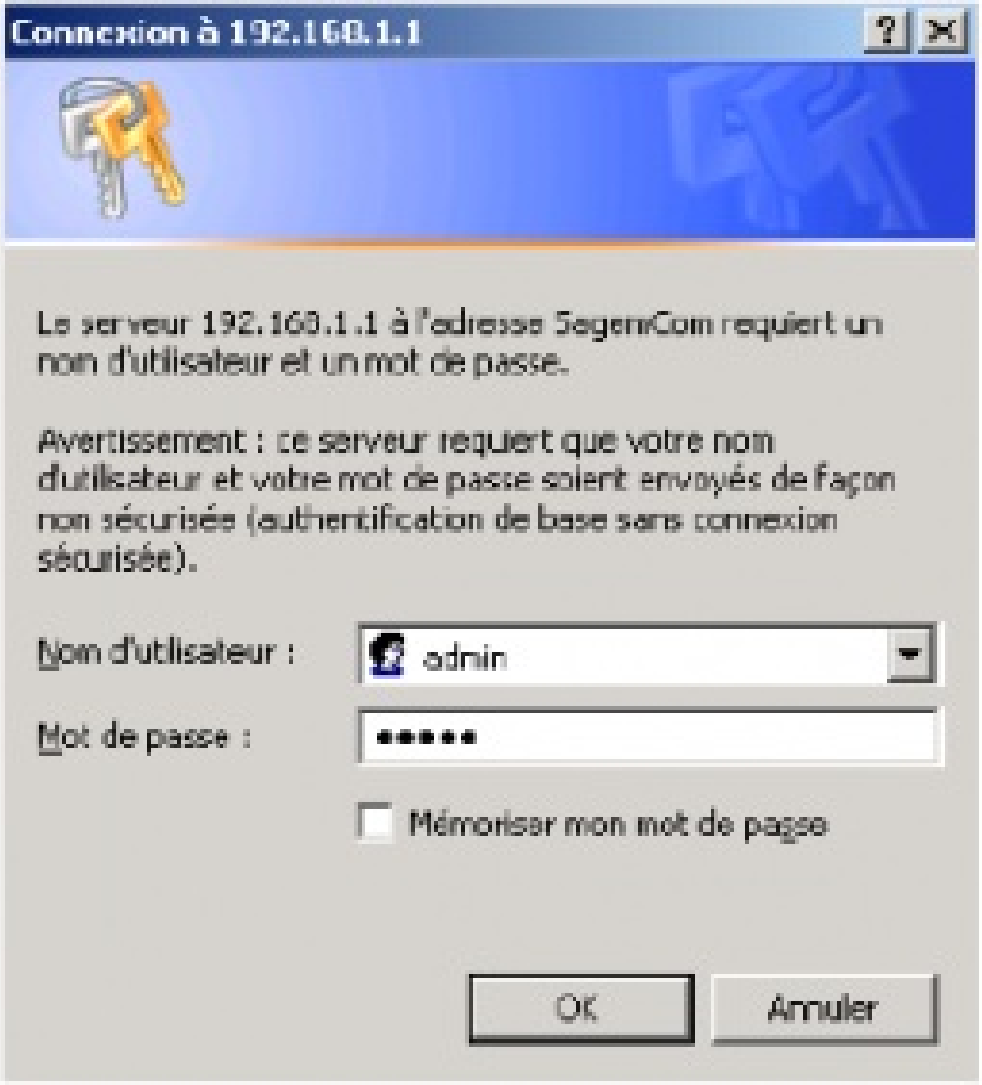
  Once the password entered twice, press “Connection” button. WiFi Configuration is finished



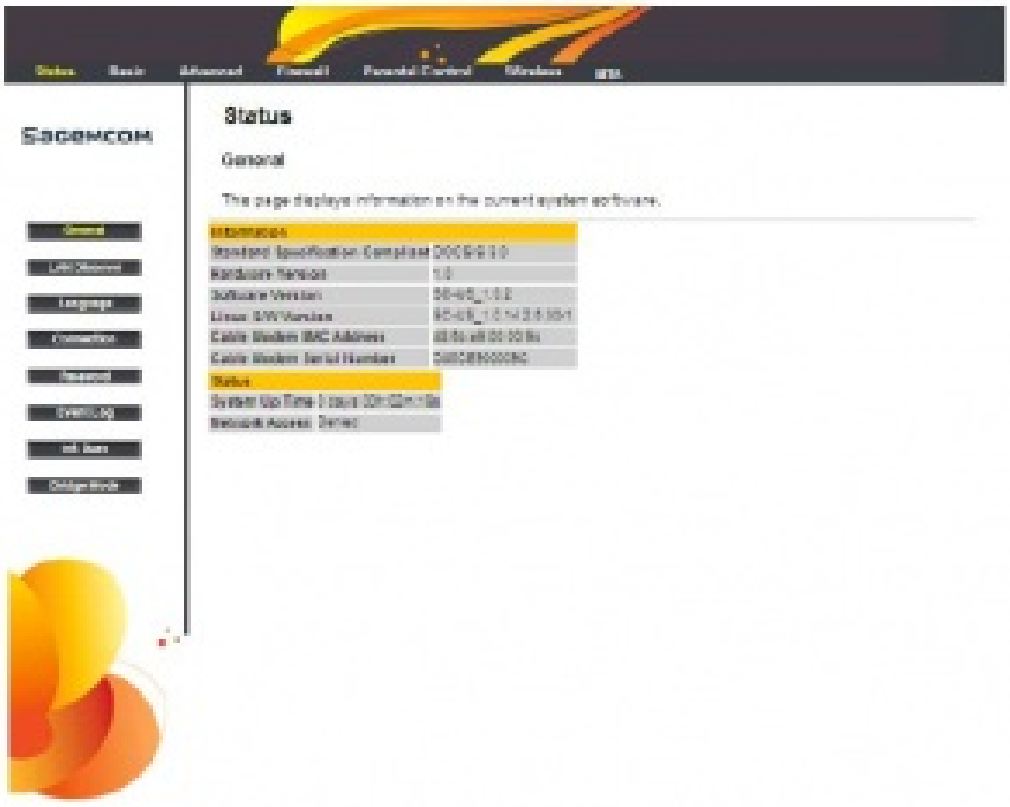
5 F@ST3284u Personalization

- Open an Internet session and type the following address: **http://192.168.1.1**

Step 3


Connexion à 192.168.1.1
Le serveur 192.168.1.1 à l'adresse SagemCom requiert un nom d'utilisateur et un mot de passe.
Avertissement : ce serveur requiert que votre nom d'utilisateur et votre mot de passe soient envoyés de façon non sécurisée (authentification de base sans connexion sécurisée).
Nom d'utilisateur :
admin
Mot de passe :
Mémoriser mon mot de passe
OK
Annuler

Step 3



Status To know the state of your connection of your F@ST3284u

Basic To perform the basic configuration of your F@ST3284u

Advanced To perform advanced routing configuration of your F@ST3284u

Firewall To protect your LAN equipment from malicious attacks

Parental Control To safely restrict and control the Internet usage to your family

Wireless To configure the WiFi network of your F@ST3284u

MTA To check the telephony status of your F@ST3284u

6 Precautions and Warnings

- Before connecting and disconnecting cables, stop using the F@ST3686, and then disconnect it from t he power supply. Ensure that your hands are dry during operation.
- Keep the F@ST3686 far from sources of heat and fire, such as a heater or a
- Do not block the openings on the F@ST3686 with any Reserve a minimum space of 10 cm around the F@ST3686 for heat dissipation.
- Place the F@ST3686 on a stable surface in a cool and well-ventilated indoor area. Donot expose the F@ST3686 to direct sunlight. Use the F@ST3686 in an area with a temperature ranging from 0° C to 40°C.
- Keep the F@ST3686 far from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or a
- Do not place any object (such as a candle or a water container) on the F@ST3686. If any foreign object or

liquid enters the device, stop using the device immediately, power it off, remove all the cables connected to it, and then contact an authorized service

- During thunderstorms, power off the F@ST3686, and then remove all the cables connected to it to prevent it from getting damaged due to lightning strikes.
- Do not use the F@ST3686 or Power Supply Unit (PSU) after a fall or strong
- Do not use in high dust, or with dampness exceeding 80%.
- Do not open or service the F@ST3686 or In an y event of failure, contact the support center.
- Disconnect the PSU before cleaning.
- This F@ST3686 produces radio frequency energy in the 2.4 & 5 GHz spectrum. It must be positioned to minimum distance of 23 cm from any nearby
- The F@ST3686 must operate at an altitude between 0 and 2000m

Electrical warnings

- The connection of the product to electrical sector is of type
- The power supply is designed to be connected to a network feed TT or TN
- It can not be connected to an electrical installation type scheme IT (supply independent neutral).
- The F@ST3686 must exclusively be used with the Power Supply Unit (PSU) delivered within the same
- The PSU must be plugged to an electrical network delivering a 110V nominal voltage in
- Protection against short circuits and leakage between phases, neutral and earth must be assured by the building's electrical installation. The power circuit of this equipment must be fitted with a 16A protection against overcurrent and differential
- Insure the cable and AC input are not Do not cut, break, or bend the DC cable
- The TEL1 and TEL2 inputs allow you to connect a phone The wire connections between the inputs TEL1/TEL2 and the phone must not leave the building.

7 Others

This symbol on the device (and any included batteries) indicates that the device (and any included batteries) should not be disposed of as normal household garbage. Do not dispose of your device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of its life.
For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device. The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE) Directive of the European Union. The purpose for separating WEEE and batteries from other waste is to minimize any environmental impact and health hazard due to the presence of hazardous substances.

CE

The EC marking certifies that the product complies with the essential requirements of the R&TTE directive of the European Parliament and Council on radio equipment and telecommunication terminal equipment, and the mutual acknowledgement of their compliance, together with the essential requirements of directive ErP 2009/125/CE on ecodesign requirements. This marking certifies that the equipment is compliant in respect of the health and safety of users, the electromagnetic compatibility of the equipment and the correct use of the radio frequency spectrum and reduction of the impacts of the product on the environment

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Federal Communications Commission (FCC) Statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

Label

Radio Frequency Interference Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving
2. Increase the separation between the equipment and
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device produces radio frequency energy in the 2.4GHz spectrum. The antenna must be positioned to keep a minimum distance of 23cm (0.75ft) from the radiating element to any nearby person.

FCC Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

For operation within 5.15 ~ 5.25GHz / 5.47 ~5.725GHz frequency range, it is restricted to indoor environment. This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 23cm between the radiator &your body. North American Cable Installer: This reminder is provided to call your attention to Article 820.93 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

FCC Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
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Documents / Resources

	SaGeMCOM WiFi Router [pdf] User Manual WiFi Router, FAST3284