Model: RV-TSBS-01

USER MANUAL

Contents

Contents.....1
I. Safety Precautions.....2
II. Package Contents.....2
III. Installation and Connection.....3-5
1.RCTA camera.....3
2.Screen.....4
3.Remote Control.....5
IV. Keys and Software Operation Instructions.....5-24
V. Functions and Parameters.....25
1.Screen.....25
2.RCTA camera.....25
3.Remote Control.....25

I. Safety Precautions

1. Working input voltage: 12V - 24V ;
2. Working voltage range: 9V - 32V ;
3. Working environment temperature: -4°F to 149°F / -20℃ to +65℃ ;
4. RCTA camera waterproof rating IP67 ;
5. CE and FCC ID approved ;
6. Two-year warranty .

II. Package Contents

10.1 HD Touch screen *1

RCTA Wireless camera*1

Remote control *2

Antenna*2

TF 8GB*1

Power cable for screen*1

Power wire for camera*1

Suction mount*1

Bracket for camera*1

Screws for screen*4
(PM2.5-8)

Screws for camera*4
(PM2.6-8)

Screws for camera*2
(M4.2-13)

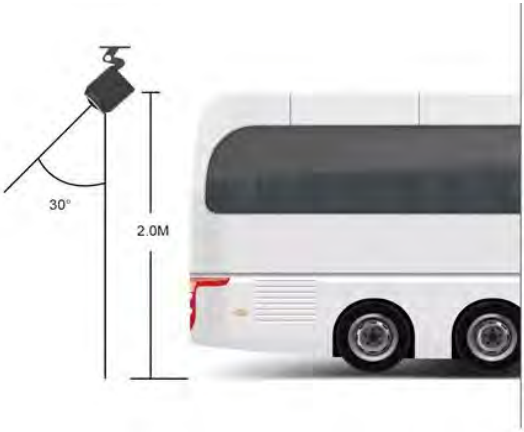
Screwdriver*1
(3*75)

III. Installation and connection tips

1. RCTA camera:

For a better image and intelligent detection capability, it is recommended not to install the camera at a height of over 3 meters / 120 inch. The height of the hitch at the bumper, which is normally 18-22 inch from the ground, 2 meters/ 80 inch installation height, provides the optimal vertical angle of hitch Zoom feature, which is 30°. Adjust the vertical angle of camera to provide the best image for the RCTA and Zoom feature.

To ensure a stable wireless signal connection, the top of camera antenna must be higher than the roof of the car.



2. Screen:

When the RCTA camera powered on, if no image appears after you click the UI of Rear View, please press the signal matched button till the rear view image comes up, then to release the button. The screen can connect and remember the wireless signal for future use.

The wireless signal connection has been set up by the factory before the kit is delivered to the customer. Normally, the customer does not need to set it personally.

However, if the customer wants to use a single display screen to connect multiple cameras separately, it is necessary to establish a signal connection with each wireless RCTA camera.

3. Remote Control:

Use the strap to secure the remote within reach of the driver.

IV. Keys and software operation instructions

1. Remote control:

"F"---Front view, "R"---Rear view,

"H"---Hitch zoom, "G"---GPS,

"↩"---Back.

When the blue backlight of the key is off, this indicates that the battery is running low.

Battery Model: CR2025.

2. Screen

• IR Thermal Vision

Click " " to display the thermal image. The thermal

imaging camera and cable is sold separately.The cable is connected through the PRESET USB port on the back of the display screen.

- Front View Driving Recorder (DVR)

  Click “ ” to display the front view image. The DVR video is stored in the TF card.

- GPS

  Click “ ” to go to Truck/RV dedicated navigation.

the GPS manual QR

- Rear View RCTA

  Click “ ” to display rear view that is provided with intelligent alarming RCTA (Rear Crossing Traffic Alert) function. When a crossing object appears in the detection range, including the area beyond rear view, alarming signs will appear on the screen.

- Hitch Zoom In

  Click “ ” to display a magnified image of the trailer hitch.

- Bluetooth Phone

  Click “ ” to go to the Bluetooth Connection function. After setting the Bluetooth connection, the driver can make hands-free calls through the display screen while driving.

- Software Playback

  Click on “ ” to go to the software folder. There are driving

recording files in this folder, you can play back after opening.

• Function Setting icon

Click “ ” to go to the setting interface:

All menu options reset should be saved to allow future for use. To save the updated setting, drop down from the top page and select Reboot.

Sun Logo icon “ ” on the home screen represents the brightness of the screen. You can click on this icon and adjust the brightness of the screen changes with three levels: from Full Brightness to Half Brightness “ ” to Screen OFF. When the screen is off, touch anywhere on the screen, and it will return to Full Brightness.

Side keys on the home display screen:

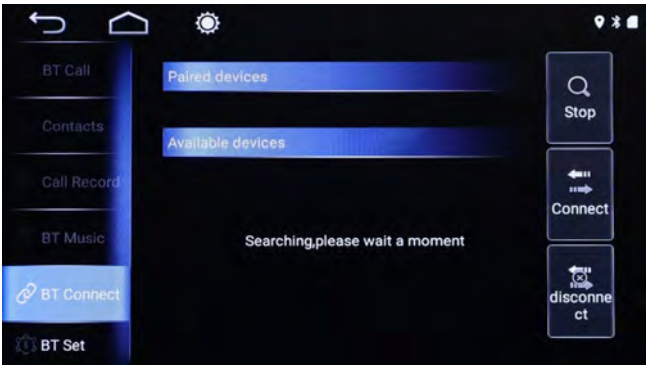
MUTE HOME BACK VOLUME+ VOLUME- RST RESET

Drop down from the top of the display screen, 4 menus will appear: Setting, Bluetooth, Volume, Reboot. Click on one to go to the corresponding operation.

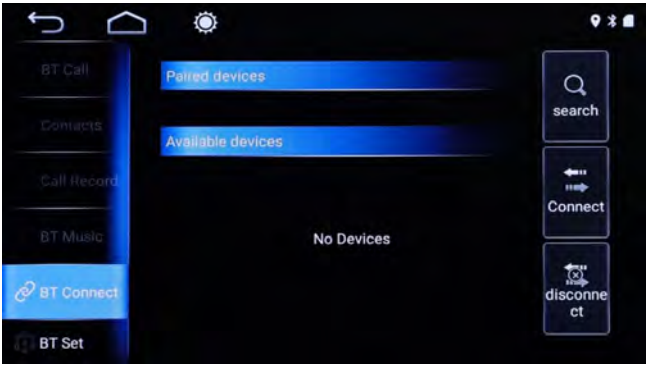
Important Reminder:
After each adjustment, you need to click on the Reboot key to reboot the machine. This is the Only way to save the changes. Otherwise, the Settings will not be saved.

Click on “ ” (Mic) key to go to Bluetooth Setting;
Click on “ ” (Settings) key to go to the Settings menu;
Click on “ ” (File Management) key to go to the File Management menu.

The following are the operation instructions of the three menus:

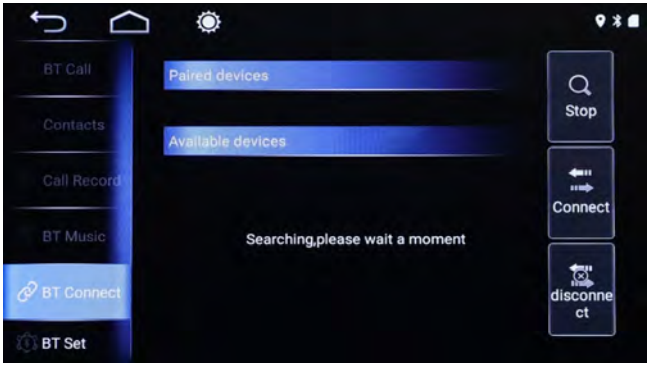


Bluetooth: including two options for Bluetooth Connection and Bluetooth Settings.



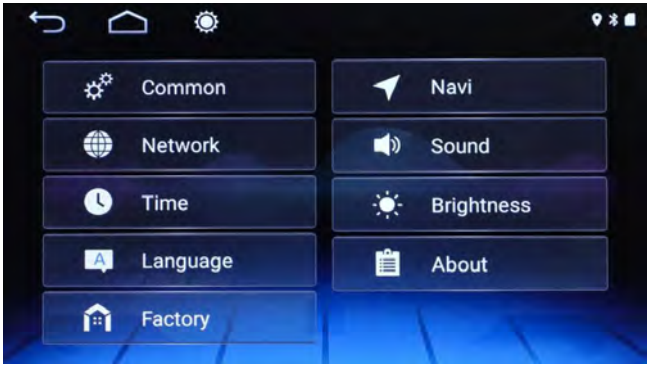
• Bluetooth Connection option:
Click Connect to pair a phone, a list of available devices will

appear after the Bluetooth is paired; Then select the corresponding device to establish bluetooth connection;
Click Disconnect to cancel Connection.

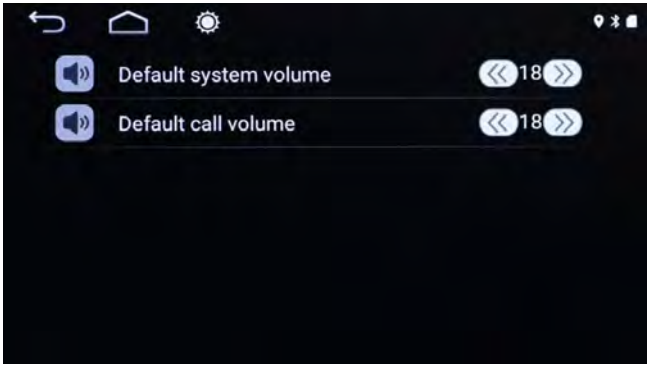


- Bluetooth Settings key include:
  Bluetooth Switch, Auto Connect, Auto Answer, Bluetooth Name, and BT PIN Code Settings

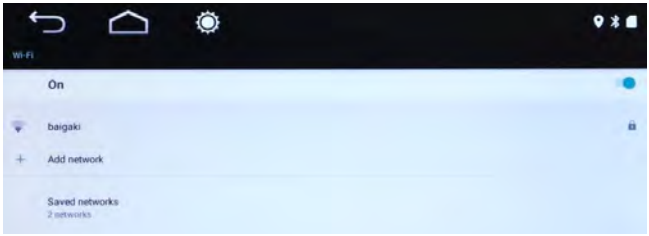
Click on “ ” BT Set key to go to the Settings menu, The main screen contains 9 options.



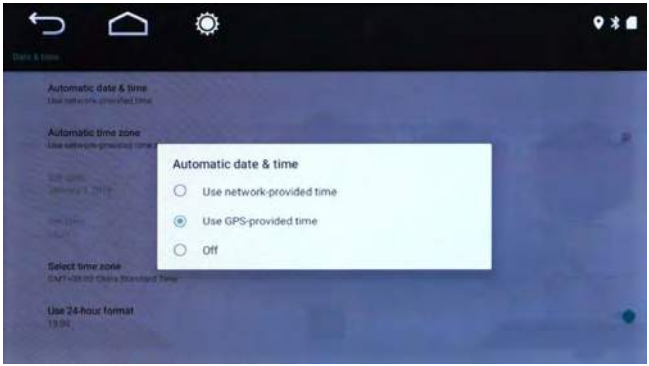
• Common includes two options:
Default System Volume and Default Call Volume.

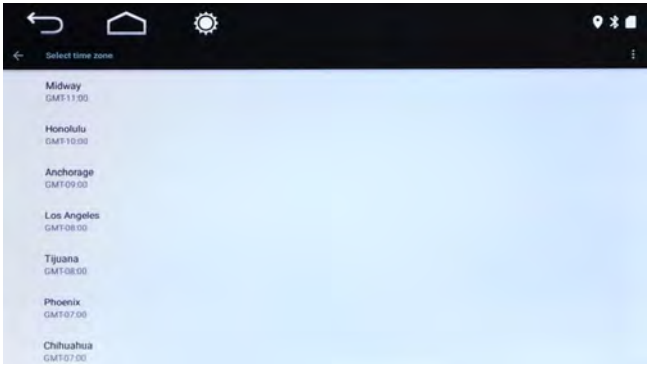


• Network: Wi-Fi Connection option.
Set and Select the Wi-Fi to be connected. Enter the connection password to connect to the network.

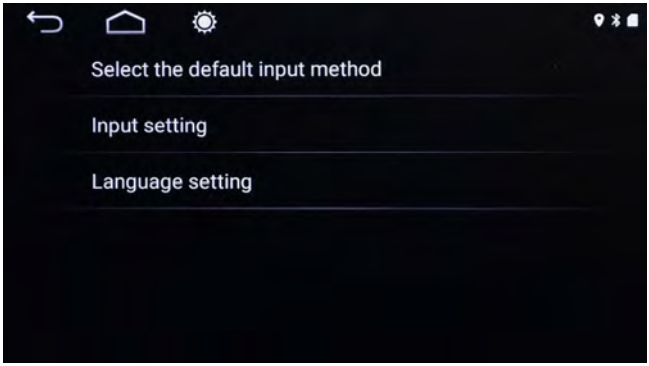


• Time: Factory Preset enables GPS to locate time zone, date and time. After the display screen is fully started and the GPS signal is obtained, the time zone, date and time automatically synchronize with the GPS. In case the display screen is off or the GPS signal is lost, the date and time will be the default 8:00 on January 1, 2010.

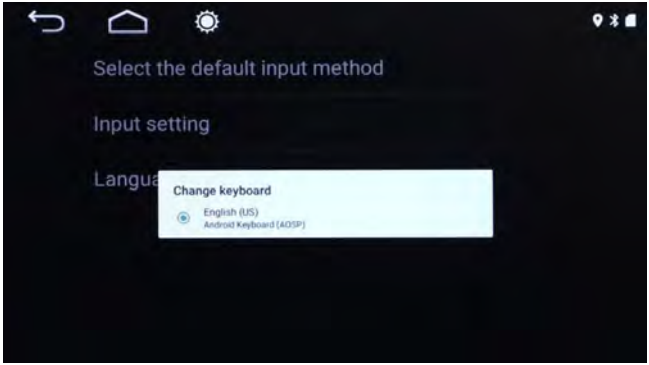




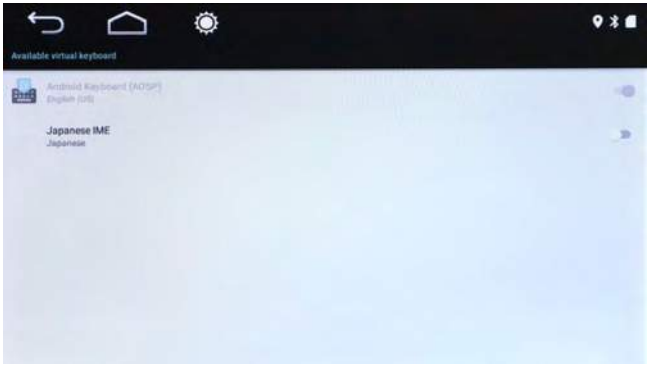
- Language: Settings Instructions.
  This option includes “Select the default input method, input setting, and Language setting”.



The input method option includes two options:
one for English and the other for Android keyboard;

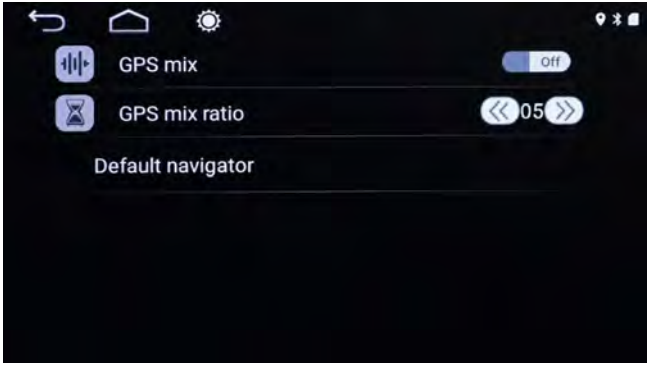


The input setting is provided with two options:
Android keyboard and Japanese IME.
Android is selected by default.



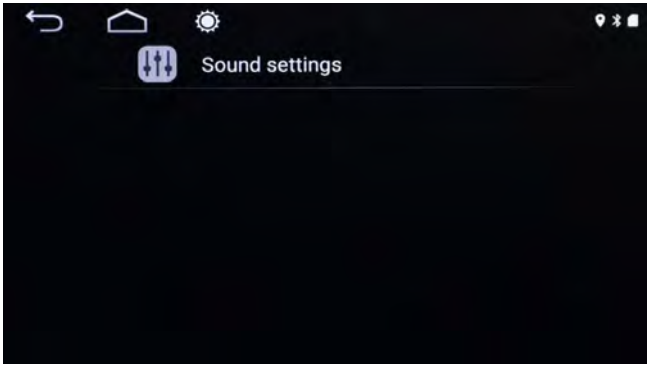
There are 36 Language options. English is the default.

- Navi: includes the GPS Signal Formation options, which have been set by default. Click on the option as required.

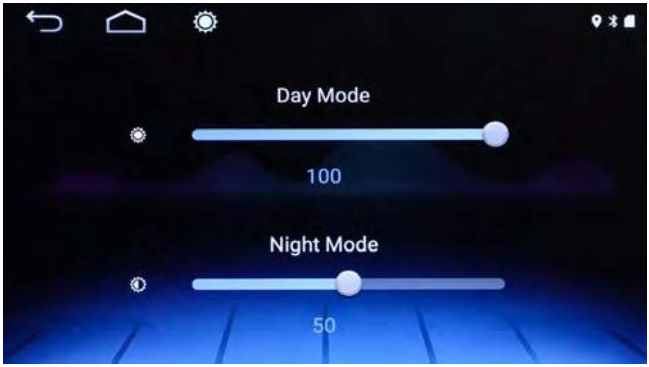


• Sound Settings menu:

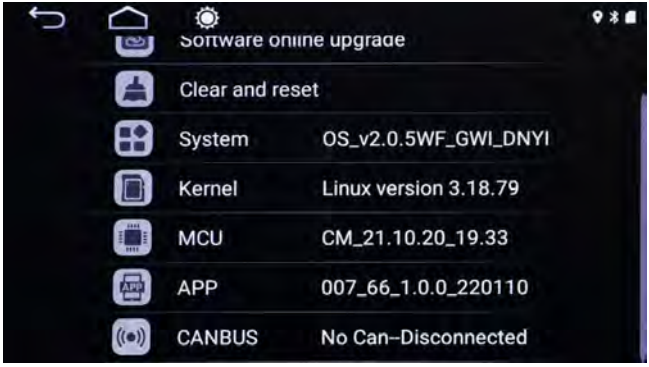
Preset modes are available. Customers may click the options according to their own needs.



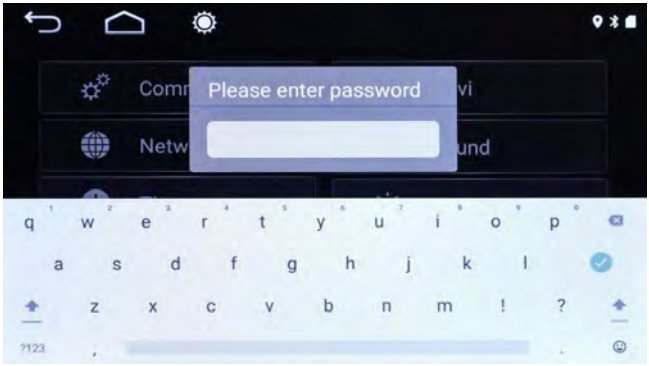
• Brightness: Customers can select Day Mode and Night Mode to adjust the brightness as required.



• About: This option cannot be set. It shows introductions for system parameters settings.



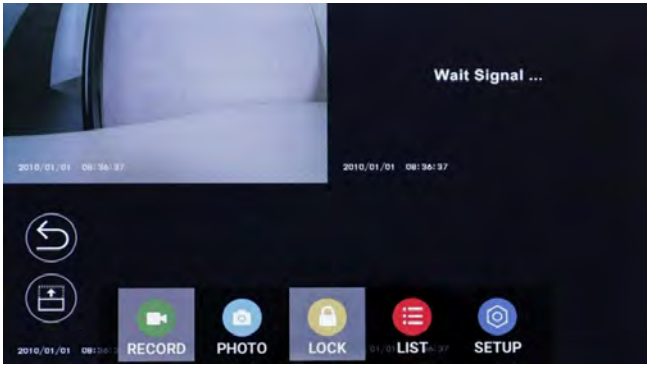
• Factory: This option is only for factory settings.
Please do not input it by yourself.



“ ” There are two options when this icon is pressed: DVR and File Manage

Click on “ ” icon to go to DVR menu. This menu includes Record, Photo, Lock, List and Setup. Click on the Record menu to go to 4-Screen Real-time Record interface.

Click on “ ” this key, 5 DVR management menus will appear. Click “ ” to return to the previous menu.



Click “

” to go to the Record Settings menu.

DVR with Automatic Record function;
Record Settings have 3 minutes and 5 minutes segment options for management. DVR will continuously record at the selected segment time for each video unit until the recordings exceed the capacity limit of TF card and starts cycle recording.
Cycle recording will also overwrite in order by each time segment.

This menu allows you to select whether to display the time watermark on the video or not.

No time watermark

With time watermark

DVR store videos in the TF card by default. TF card capacity up to 128GB. Customers can also choose to store it in an external USB drive. However, USB1, USB2 and USB3 are only intended for factory production and not for users.

“ ” The Record menu shows a list of recorded files. You can also select Video Format, Video Browsing and SELECT.

Select Format carefully: once formatted, all files in the TF card will disappear.

“

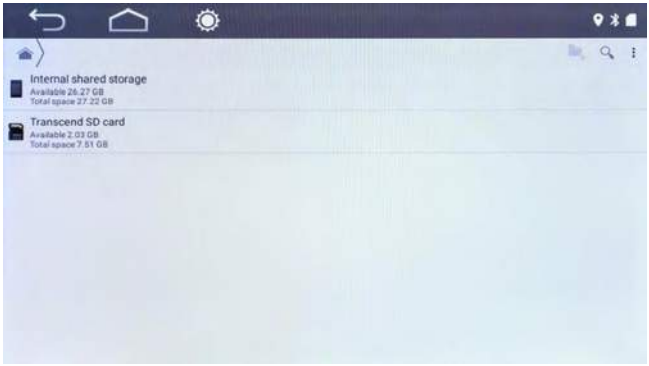
” Photo options allow viewing stored photos and setting the photo options, as well as selecting the photo function. Click on the corresponding 4 record channels to zoom in and out the screen proportion of the record channel.

“

” Lock the corresponding display screen.

“

” Show a list of all video and photo files.



“
” Click to enter the Folder list.

V. Specifications and Features

1. Screen:

Screen size: 10.1 Inch
Resolution: 1024×600 HD
Ram & Rom memory: 2G+32G
System: Android 8.1
Bluetooth Ver: 4.1
Product Size: 260*150*58mm
Wi-Fi supports 802.11 b/g/n protocol
5-point touch capacitive
U disk capacity up to 128GB
8GB TF card offers 7 hours consecutive and automatic loop recording.
Software update via U disk available as well as online.

2. RCTA camera:

Built in wireless module
Resolution AHD: 720P
Field of Vision: 140°
Detective range: 180°
Size: 55.7*37*40mm
With the help of a combined detection chip, the alert will display before the moving objects can be seen on screen. Moving objects including cars, motorcycles/bicycles/ pedestrians (children 80cm tall and up)

3.Remote control :

Working frequency: 433.92MHz; Bandwidth about ±200KHz;
Size: 47*36*165mm

Declaration of conformity

This product complies with the radio interference requirements of the European community. Hereby, GU Autotech Inc declares that the product is in compliance with the essential requirements and other relevant provisions of RE Directive 2014/53/EU. You can find the Declaration of Conformity on www.guautotech.com

FCC Statement

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

(1)This device may not cause harmful interference.

(2)This device must accept any interference received, including interference that may cause undesired operation.

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

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 frequence 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 equipmemt 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:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an autlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

WWW.GUAUTOTECH.COM