

# REXING<sup>®</sup>

## S1 Pro

## User Manual

The information in this manual is subject to change without notice.

[www.rexingusa.com](http://www.rexingusa.com)

# Notice

1. **Menu Setup Operation:** The menu is to be set up in non-video mode. If the device is in video mode, proceed after *stopping* the video recording.
2. **Memory card:** A new card must be formatted to the device before use. Continuous image recording for long periods of time may produce protected files that are not subject to long-term protection (these files may not be overwritten during loop recording) and storage fragments, which need to be cleared regularly in order to save stable storage space.
3. **Standard Voltage for On-board Charger:** Standard input voltage is configured at 12V. If a charge voltage greater than 12V is found, contact your dealer or our service center to replace it with an applicable charger. An OEM charger must be used.
4. **Parking Monitor:** Do not enable this function during driving. When it is enabled, repeated start/stop recording may affect the integrity of your video.
5. Do not install the device within the range that could be impacted by airbag or in a location that interferes with the driver's view or other safe operation of the vehicle. Make sure it is securely mounted.
6. The features described in the operation manual are available for all products of the same type. Your model may have come with optional or additional functions. Menu operations may vary. Please refer to the instructions that apply to your actual product.

 **Warning**

The battery (module or pack) must not be exposed to an overheat environment such as direct sunlight or flame.

Never remove, strike, or squeeze the battery or put it in fire. Stop using the battery if it is ballooned, warped, leaking, or shows any other visible signs of damage.


# Overview

## Thank you for choosing **REXING!**

Thank you for choosing REXING! We hope you love your new products as much as we do.

If you need assistance, or have any suggestions to improve it, please contact us. You can reach us via

 [care@rexingusa.com](mailto:care@rexingusa.com)

 (877) 740-8004

Our support team will respond you as soon as possible.

## Check us out here.

- <https://www.facebook.com/rexingusa/>
- <https://www.instagram.com/rexingdashcam/>
- <https://www.rexingusa.com/support/registration/>

 Facebook



 Instagram



 Site



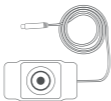
 Product Support



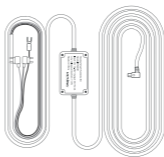
# What's in the box?



1



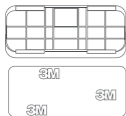
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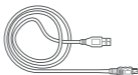
3



4



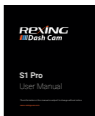
5



6



7



8

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- |  |                          |
|--|--------------------------|
| 1. Rexing S1 Pro Dash Camera               | 5. 3M Adhesive Mount     |
| 2. Rear Camera with Extension Cable (20ft) | 6. USB Computer Cable    |
| 3. Free Smart Hardwire Kit                 | 7. Cable Management Tool |
| 4. GPS Logger                              | 8. Quick Start Guide     |
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# Table of Contents

Camera Overview

6

Installation

9

Basic Operations

12

Mobile Connection

20

GPS Player

27

Product Specifications

30

General Troubleshooting

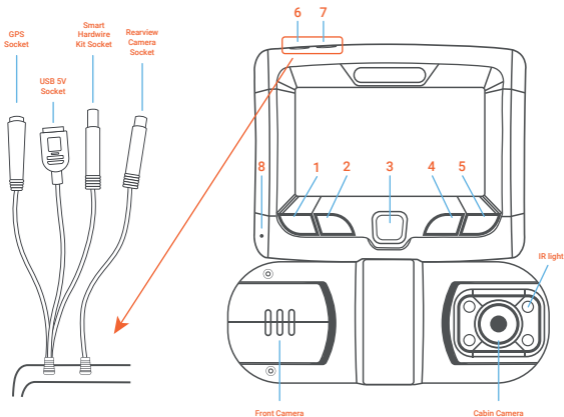
31

Warranty and Support

32

# Camera Overview

## I. Visual Features



1. Menu/Mode Button
2. Record/Up Button
3. Power Button
4. Down/Toggle Button
5. OK Button
6. Power Cord Connection Port
7. Rearview Camera Connection Port
8. Reset Pinhole

### Note:

GPS is an optional feature, needs to connect to the included GPS Logger. The S1 Pro does not support memory expansion.

## Buttons and Description

Buttons	Description
<b>M Button (Menu/Mode Switch)</b>	<ol style="list-style-type: none"><li>1. In standby mode, press this button to start/stop the related menu options such as recording mode, photography mode, playback mode.</li><li>2. In recording mode, press and hold the button for 3 second to enter picture-taking and playback interface. Depress it again to exit.</li></ol>
<b>Record/Up/MIC Button</b>	<ol style="list-style-type: none"><li>1. In standby mode, press this button to start/pause video recording.</li><li>2. Video Mode: Depress this button to start/stop audio recording.</li><li>3. The button is defined for page up in menu setup and playback mode.</li><li>4. During playback, press the button shortly to play fast rewind.</li></ol>
<b>Power Button</b>	<ol style="list-style-type: none"><li>1. Press this button to start the device. Depress it for 3 seconds to power off the device.</li><li>2. In power-on state, press the button shortly to turn off/on screen backlight.</li></ol>
<b>Down/Toggle Button</b>	<ol style="list-style-type: none"><li>1. This button is defined for page down in menu setup and playback mode.</li><li>2. Press this button to switch between front/rear camera view and PIP display.</li><li>3. During playback, press the button shortly to play fast forward.</li><li>4. In video mode, depress the button to switch the IR light to OFF/ON/AUTO.</li></ol>



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**OK Button**

1. This button functions as a confirmation in each of the setups.
2. In video recording, press this button to start emergency recording.
3. Depress this button to switch Wi-Fi on/off.
4. In photography mode or playback mode, press the button to take a picture or play back a file.

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**USB Port**

Power charging port/USB data cable port

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**Power Port**

Power cable connection port

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**Rearview Camera  
Connection Port**

Rearview Camera Connection Port

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**Reset Pinhole**

If the system crashes, use a pin to reset the system.

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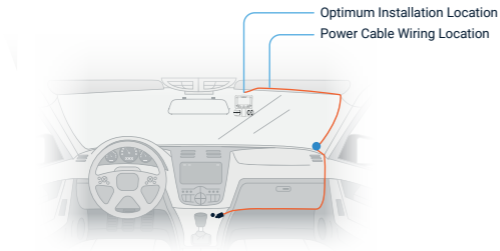
# Installation

1. Turn off the car's engine.
2. Secure the dashcam to a place close to the original rearview mirror.
3. Plug the GPS module into the GPS port and secure the module to a position close to A-pillar of the car. The antenna receiver side (the side without 3M adhesive) faces the outside and the side with 3M adhesive faces down. It should be properly secured.
4. Plug the charger into the car's cigarette lighter. Connect the device to the cigarette lighter through the car charger.

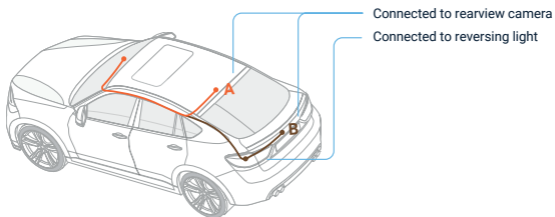
## Note:

The charger extension cable can be wired along the edge of the windshield during installation. The optional rearview camera should be mounted on the rear windshield of the car. Pay attention to its orientation during installation. It can be wired against or above the interior's headliner. Plug the rearview camera connector into its rear camera port of the device once the camera is securely mounted. Adjust the position of the lens to make sure that it remains horizontal with the ground. Start the engine to check the video operation of your device.

## Installation Instructions



### 6. Rearview Camera Wire Routing Illustration (as shown below)



For the rearview camera, there are two wiring options as shown in the above figure. The first part of both options is characterized with concealed wire routing against the edges of the door(s).

- a. The rearview camera can be mounted directly above the rear window inside the car.
- b. The rearview camera can be mounted directly above the car's license plate.

We recommend that you install all components beforehand according to the above drawing and test the system by using the on-board charger power supply. Make sure the device is good condition prior to installation. Please, contact our service center in case of any questions.

### III. Turn on the Dash Cam

Connect the dash cam to the car charger after installation. Starting the car engine will start the device.

**Note:**

Due to unstable voltages caused by starting the car engine, a voltage fluctuation in some vehicles may be especially obvious. If a flashing screen or some other unforeseeable operating problem occurs when you start the engine, it is recommended to unplug the device from the charger before starting the engine, and then reconnect it after the engine is running.

# Basic Operations

## Main Interface



## System Setup

### I. Open the Setup Menu

Press the **Menu** Button to open system menu setup. Select *Settings*. Press the **Up/Down** Button to change the option and press the **OK** Button to confirm.

### II. Video Mode - Setup

Select *Record* on the main menu. Press the **OK** Button to **start/pause** video recording of the device or press the **Record** Button to **pause/start** video recording.

#### Note:

Please perform selective setups to the primary options, such as setting the device's system time. Video Resolution: FHDP30+FHDP30, FHDP30+HDP30

### 1. Loop Recording:

1, 2, or 3 minutes

## 2. WDR:

ON/OFF.

## 3. G-SENSOR:

Off/High/Moderate/Low

After the device is started, it may sense shock/impact caused by a certain level of force (the higher the sensitivity setting, the smaller the force required). This function will lock the video at the time of detection and save it as a protected video. Meanwhile an icon indicating that the device is locked will be shown on top of the display.

## 4. Time-lapse Monitoring Duration:

12h, 24h, 48h

## 5. Exposure Compensation:

+5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1/3, -2/3, -1.0, -4/3, -5/3

## 6. DVR Audio:

Off/On

## 7. Date Stamp:

Off/On

### III. System Menu Setup

Select *Record* on the main menu. Press the OK Button to **start/pause** video recording of the device or press the Record Button to **pause/start** video recording.

#### 1. Date/Time:

Year, Month, Day, Hour, Minute, Second (RTC system time setup). Press the **OK** Button to access **[Date/Time]** of system setup. Press the **Menu** Button to shift to the next setting. Press the **Up/Down** Button to set the parameters. Press the **OK** Button to save and exit.

#### Note:

To obtain a valid date and time record to be used as evidence for a car accident, please set the correct time and date before using the device.

**2. Screen Backlight:**

*Off, 1, 3, and 5 minutes. When Off is selected, the screen remains on. Select 1/3/5 minutes. Without any operation, the screen backlight turns off automatically after a predetermined length of time, but the device will keep recording as normal.*

**3. Key Tone:**

Off/On

**4. Language Setup:**

English, French, German, Spanish, Italian, Portuguese, Simplified Chinese, Japanese, Traditional Chinese, and Russian.

**5. Frequency:**

50HZ, 60HZ

**6. IR Light Mode:**

Auto, On, Off

**7. Default Setup:**

*Cancel/Confirm. When Confirm is selected, customer settings will be changed and the system will be restored to its default values.*

**8. Version:**

Determine the current software version.

# Taking Pictures

## I. Taking a Picture

Depress the **Menu Button** to switch to the picture taking mode. Press the **OK Button** once to take a picture.

## II. Picture Mode Setup

When the picture taking function is in standby, press the **Menu Button** to access the picture taking setup menu. Use the **Record/UP** button and **Record/DOWN** button to select parameters. Press the **OK Button** to save your setup selections and return to the previous menu. Press the **Menu Button** to exit setup when complete.

### 1. Picture Taking Method:

Single Shot, 2s Timer, 5s Timer, 10s Timer

### 2. Resolution:

12M 4032 x 3024, 10M 3648 x 2736, 8M 3264 x 2448, 5M 2592 x 1944, 3M 2048 x 1536, VGA 640 x 480

### 3. Continuous Capture:

*Off/On* When continuous capture is enabled, 3 pictures are taken consecutively.

### 4. Picture Quality:

Optimum, Standard

### 5. Sharpness:

Strong, Standard, Moderate

### 6. White Balance:

Auto, Daylight, Cloudy, Tungsten, Fluorescent

### 7. Color:

Color, Black & White, Sepia



## 8. ISO:

Auto, 100, 200, 400

## 9. Exposure Compensation:

+5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1/3, -2/3, -1.0, -4/3, -5/3

## 10. Anti-Shock:

Off/On

## 11. Quick Preview:

Off, 2s, 5s After taking a picture, time setting will be discontinued on the image, so as to allow you to determine if the picture is desirable

## 12. Date Stamp:

Off, Date, Date/Time.

# Playback and Delete a File

## I. Browsing Files

Select the *playback* folder on the main menu or depress the **Menu** Button to switch to playback mode. Press the **Up/Down** Button to browse your video files and pictures

## II. Playback

When browsing files, video files are presented with an  icon on screen. Press the **OK** Button to play the video and quickly press it again to stop playback.

## III. Deletion and Protection

When browsing files in playback mode, quickly press the Menu Button to enable the pop-up menu options. The following operations are available:

**Delete:** Delete a single file or all files.

**Note:** Locked files cannot be simply deleted. Unlock the file before you need to delete it.

## Protection

**Lock:** Lock and save unprotected files. A locked file cannot be overwritten.

**Unlock:** Remove the protective feature of a protected file. Simply delete the file once it is unlocked.

## IV. Slide View

Recorded files are played automatically at a set time interval.

## V. Back to homepage

Return directly to the homepage.

## Playback on Computer

When using the USB cable to connect with a computer, the **[UP]** and **[DOWN]** buttons can be used to select options in the pop-up menu. Use the **[OK]** button to confirm your selection.

### 1. Mass Storage:

Can be used to play a file in the device or copy any file to your computer.

### 2. Video:

Video can be used as a power source for video recording.

# Parking Monitor

## Note:

A Smart Hardwire Kit (included in the package) is required to activate the parking monitor feature. A USB cable cannot provide this function.

## I. Power Voltage Protection

From the *Power Voltage* menu setup on the main menu, select a voltage (11.8-12.5V) for switching off the device when the car engine is turned off for parking. For example, 11.8V means that the device automatically switches off when the detected vehicle battery voltage drops to less than 11.8V.



## II. Monitoring Mode

In the monitoring mode menu setup on the main page, when a smart hardwire connection is detected, turning on the parking monitor will enable modes: Super Night Scene and Time-Lapse video monitoring.



### 1. Time-Lapse Video Monitoring:

A video recorded in parking mode has only an approximate size of about one sixth to one tenth that of a normal video. This enables the user to save as much video as possible.

### 2. Super Night Vision:

Time lapse photography in parking monitoring mode is recorded at sixty frames per minute. This function allows for clearer video during low-light or night conditions.

### 3. Parking Monitor:

In parking mode, when a shock/impact is detected, recording will start and last for 1 minute.

#### Note:

Monitoring duration options include 12h, 24h, 48h

# Mobile Connection

When the device is paired to a mobile phone via Wi-Fi, it can be controlled through the Mobile App.

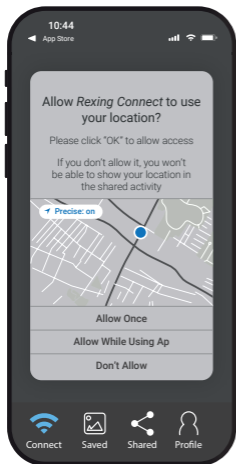
## Basic Operations:

### I. Download the Rexing Connect App

1. Please go to RexingUSA website and download the app for Android or Apple iOS systems.



2. Open the app after installation. There will be a pop-up message asking if you will allow *Rexing Connect* to access the your location. Click as shown in the picture:



### III. Wi-Fi Connection

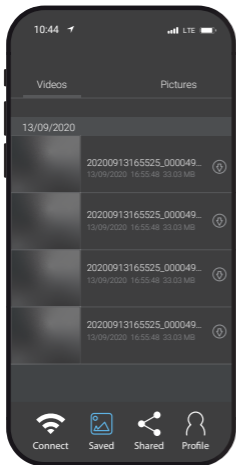
For an initial connection, it is necessary to access Wi-Fi setup. Find network and input the password. Later connections require no password input.

1. Select *Wi-Fi ON/OFF* on the main menu or press the **OK** Button to turn on the Wi-Fi of the device. Press it again to turn the Wi-Fi *off*. As shown below:



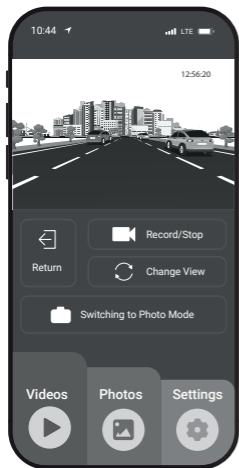
2. Search for Wi-Fi on your phone and find SSID: E89\_\*\*\*. Input the password for your connection. The default password for the device is 12345678.
3. Click **Connect** to complete your connection. When successful a connection is established between the mobile phone and camera, the Wi-Fi icon on the device's screen will turn from *white to green*. To view the camera record images, simply return to the app.

4. Click the *Saved* button on the bottom to check the video files and pictures. You may simply click the file to play it online or download it to your mobile phone as shown in the picture:





## IV. App Overview:

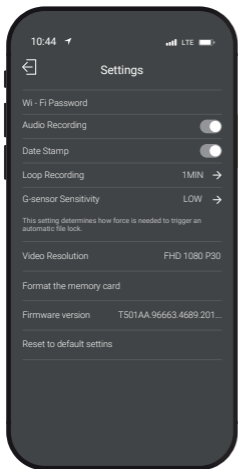


1. Press the **Record/Stop** button to *pause/start* recording.

**Note:**

To begin a new setup, use the *Settings* menu shown below, press this button to pause the recording before beginning a new setup.

2. Press the *Settings* button on the bottom and set up the parameters of the system menu as shown in the picture:



3. Click the **Photo** button on the bottom to review photos.
4. Click the **Change View** button on the top to toggle between camera views from the front camera, cabin camera, and rearview camera.
5. Click the button **Switch to Photo Mode** in the middle to take a picture in real time.
6. Click the button **Record/Stop** on the top to quickly stop/start the video and audio recordings.

**Note:**

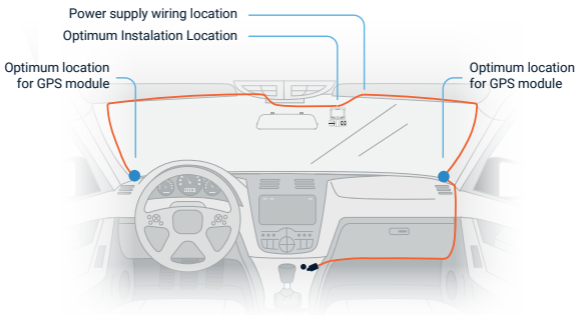
The information provided is based on the current version of the app. The pictures shown are for reference only. The app is subject to change without prior notice. Please refer to your product.

# GPS Player




## I. Install a GPS Module

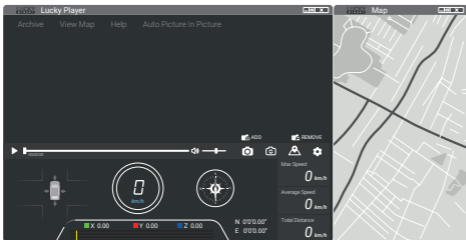
Typical installation locations for the GPS module are on the center console or sun visor with the GPS module facing outward or upward and the back side of GPS module (applied with double-sided, adhesive tape) facing inward or downward so as to ensure an effective satellite signal reception as shown in the picture:

### Installation Instructions

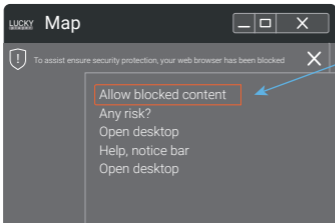


## II. Installation and Operation of GPS Player

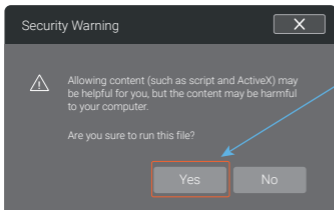
1. Unzip file  and then double click  to install.
2. After installation you will see the icon  on your desktop. Double-click to use it, as shown below:




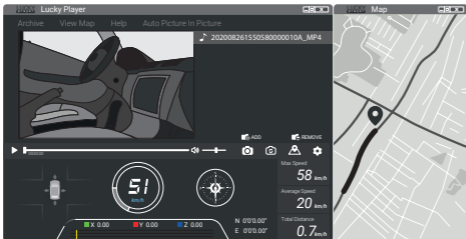
3. When LUCKY PLAYER is used and a pop-up message appears in the upper right corner, place the cursor in the range of text and right click the mouse to view the options. Select *allow blocked content* as shown below:



- Click *allow blocked* content to confirm. Click Yes to display a map with GPS tracking as shown below:



- Click on the GPS player  to load the video file with GPS tracking information or directly drag the video file to the player window. The computer is connected to the Internet while the video is being played. The player shows a map with GPS tracking information while driving, as shown below:



**Note:**

The GPS player is edited on the basis of the current version. The pictures given are for reference only. The version is subject to change without prior notice. Please refer to the actual one.

# Product Specifications

<b>SDRAM</b>	Built-in
<b>Speaker</b>	Built-in
<b>MIC</b>	Built-in
<b>Display</b>	3.0" TFT
<b>Video Resolution</b>	1080P + 1080P + 1080P
<b>Loop Recording</b>	Support 1, 2, and 3 minutes
<b>Parking Monitor</b>	Yes
<b>G-Sensor</b>	Yes
<b>Video format</b>	H.264
<b>Picture format</b>	JPG
<b>Operating Temperature</b>	-4°F ~ 150°F
<b>Input Current</b>	DC 5V 1500mA

**Note:**

Product specifications are subject to change along with software updating. Please refer to your product.

# General Troubleshooting

Trouble	Possible Causes	Solution
<b>Failure to power on</b>	<ul style="list-style-type: none"><li>• Dead battery</li></ul>	<ul style="list-style-type: none"><li>• Plug in the charger to charge the battery.</li></ul>
<b>Automatic shutdown during operation</b>	<ul style="list-style-type: none"><li>• The automatic shutdown function is enabled.</li><li>• Dead battery.</li></ul>	<ul style="list-style-type: none"><li>• In standby mode, automatic shutdown is activated when no time is set.</li><li>• Set time/date.</li><li>• Plug in the charger to charge the battery.</li></ul>
<b>Pictures taken are not saved</b>	<ul style="list-style-type: none"><li>• Power was cut before pictures could be saved.</li></ul>	<ul style="list-style-type: none"><li>• Charge device</li></ul>
<b>Failure to record video or take pictures</b>	<ul style="list-style-type: none"><li>• MicroSD card is not inserted or recognized by the device.</li><li>• MicroSD card is full.</li><li>• MicroSD card contains images taken by another vehicle's dashcam.</li></ul>	<ul style="list-style-type: none"><li>• Plug in the card. If the card is not recognized, unplug and plug it in again or clean any debris/substances from the card contacts, or back up data and format the card.</li><li>• Delete unnecessary files or format the card after backup.</li></ul>
<b>All buttons fail to function</b>	<ul style="list-style-type: none"><li>• Program error or incorrect operation</li></ul>	<ul style="list-style-type: none"><li>• Press the reset key to restart the device.</li></ul>



# Warranty & Support

## Warranty

The Rexing S1 Pro Dash Cam comes with a full 12-month warranty. If you register your product on our official site (<https://www.rexingusa.com/support/registration>), you can extend the warranty to 18 months.

## Support

If you have any questions regarding your product, please do not hesitate to contact us at [care@rexingusa.com](mailto:care@rexingusa.com), or call us at (877) 740-8004. Queries are typically answered within 12-24 hours.

## Your opinion matters

Rexing is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions.

Connect with us today at [care@rexingusa.com](mailto:care@rexingusa.com)

**Thank you for choosing Rexing!**

## FCCID: 2AW5W-S1PRO

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

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

# REXING<sup>®</sup>



MADE IN CHINA