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# **USER MANUAL**



**MyCAM  
WI-FI**



# **ScanBuddy®**

**GLOBAL NDT SCANNING PARTNER**

# **PlumberBuddy Inspection Camera**

Please read this user manual carefully before using the product.

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# 1. PRODUCT INFORMATION

## Key Features

-  Rechargeable
-  4-Hour Fast Charge
-  Manual Focus
-  Record Video with Sound
-  Digital pinch zoom - easy fault finding



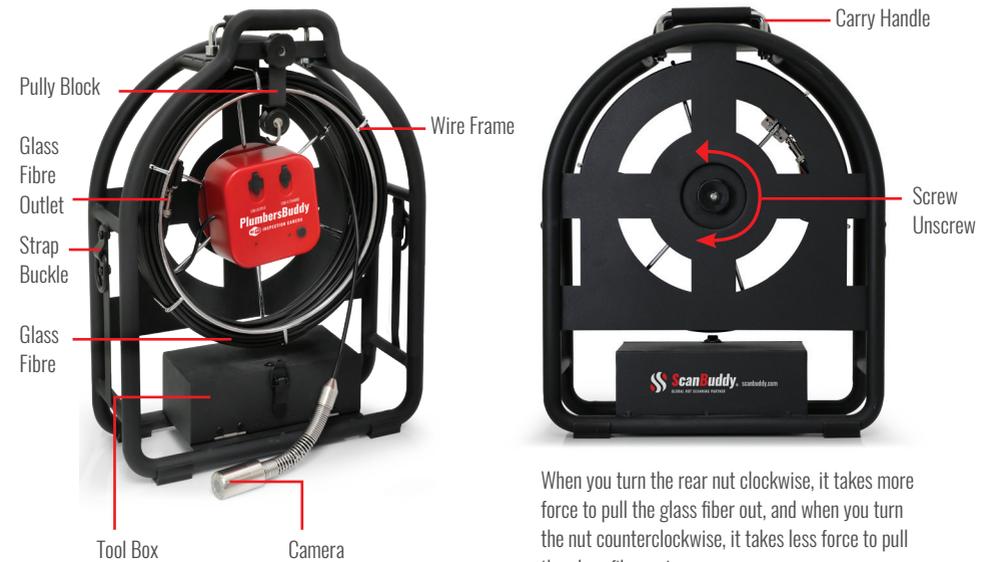
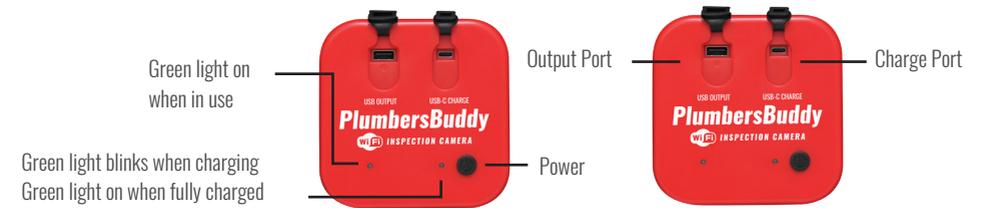
- Multiple smart devices can connect to the camera at the same time
- Built-in meter counter
- Automatic wire locking mechanism
- Wireless range up to 20m (In line of sight)
- Built-in wifi hotspot
- It has a USB output port to charge the phone

## Specs

Operating Time: approx 9 hours (LED Full)  
 Battery Capacity: 10000mAh  
 Camera LED: Adjustable brightness via App.  
 Viewing Angle: Horizontal:88°, Vertical:48°  
 Lens: App controlled variable focus  
 Waterproof: IP67, it is dust & waterproof  
 WiFi: 2.4GHz  
 Weight: 7.1kg  
 Size: 500mm x 38mm x 132mm



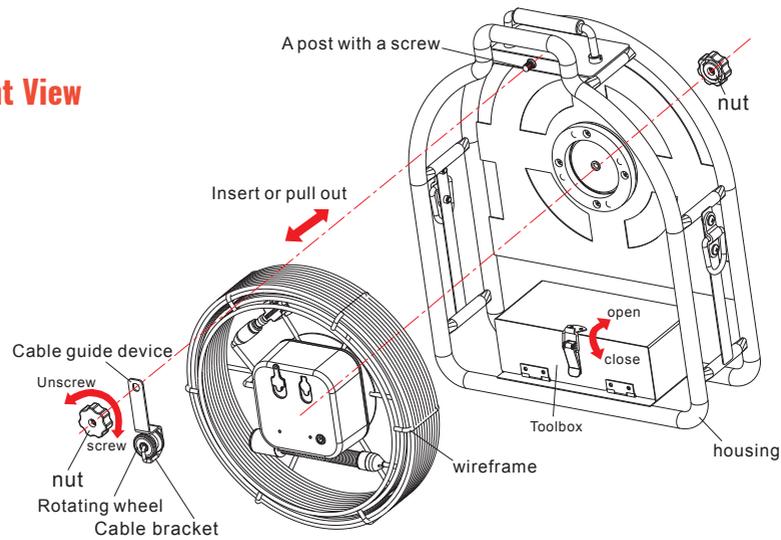
**Note:** You should not disassemble the camera during normal use of the product. If you disassemble the camera, be sure to tighten the camera when assembling, so as not to cause the camera to leak because the camera is not tightened.



When you turn the rear nut clockwise, it takes more force to pull the glass fiber out, and when you turn the nut counterclockwise, it takes less force to pull the glass fiber out.

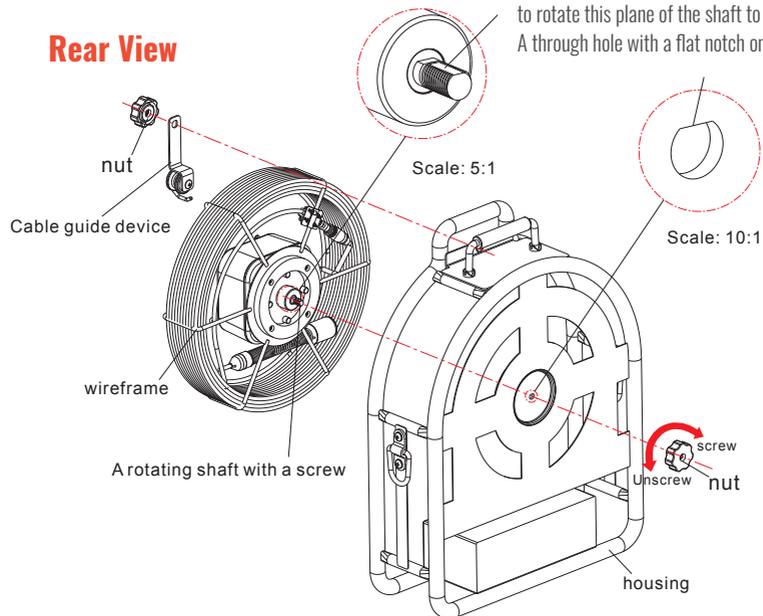
## 2. PRODUCT ASSEMBLY & DISASSEMBLY

### Front View

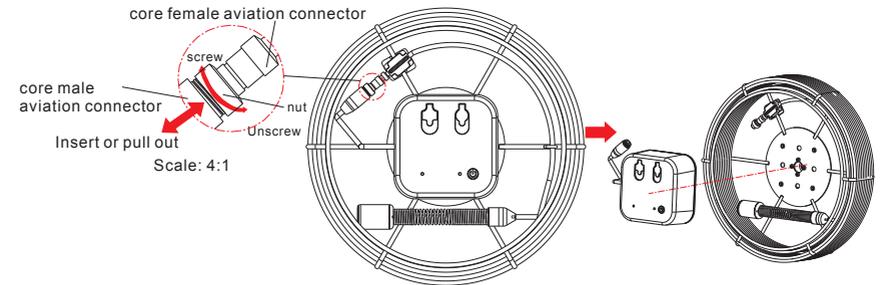


When attaching the wire frame to the housing or removing the wire frame from the housing, be sure to rotate this plane of the shaft to face up. A through hole with a flat notch on the housing

### Rear View

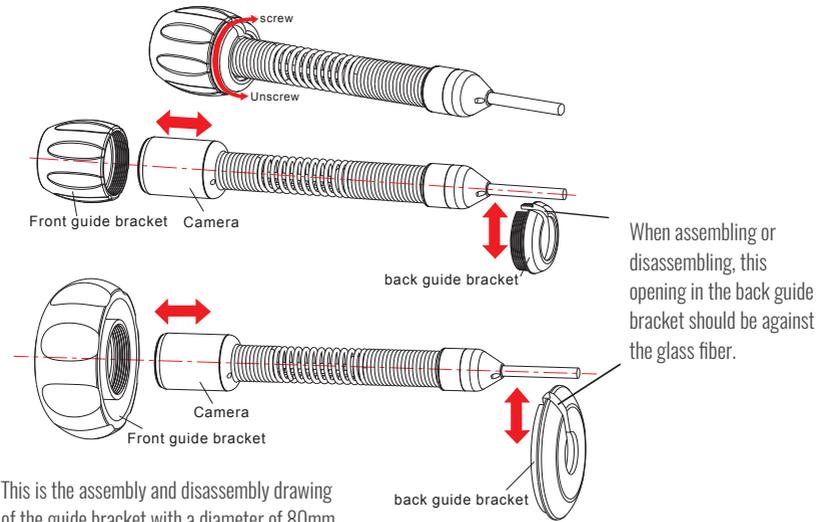


### Product hose connection and disassembly diagram



### Camera guide bracket assembly and disassembly diagram

This is the assembly and disassembly drawing of the guide bracket with a diameter of 40mm.



This is the assembly and disassembly drawing of the guide bracket with a diameter of 80mm.

### 3. APP INSTALLATION



Download The MyCam WiFi App:  
By searching for MyCam WiFi in the  
Google Play or Apple APP Store.



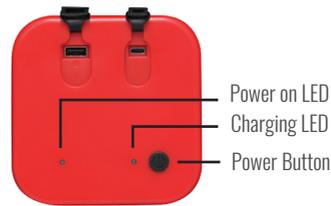
**Note:** Requires iOS V11.2 or later Android V6.0 or later. On first use you need to give the App access to the gallery of photos and videos on your device to be able to allow you to save photos and videos.

### 4. CONNECT TO YOUR SMARTCAM

#### 4.1 Connect to your MyCam Camera.

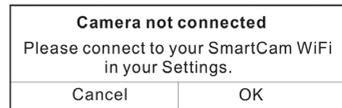
Ensure the camera is charged. Press the power switch button to turn on the power.

**Note:** When starting up, you need to press the power switch button for 3 seconds, the power indicator on the left side will first show green for about 5 seconds, and then off, after about 3 seconds, the power indicator on the left side will show green on, which means that the product is working normally.



#### 4.2 Click on the MyCam WiFi icon

the following dialog box is displayed.



**4.3 Click on ok** the following dialog box is displayed. **Search** for a wireless name "MyCam-xxxxxx" in the wireless listing and **click** to select it.



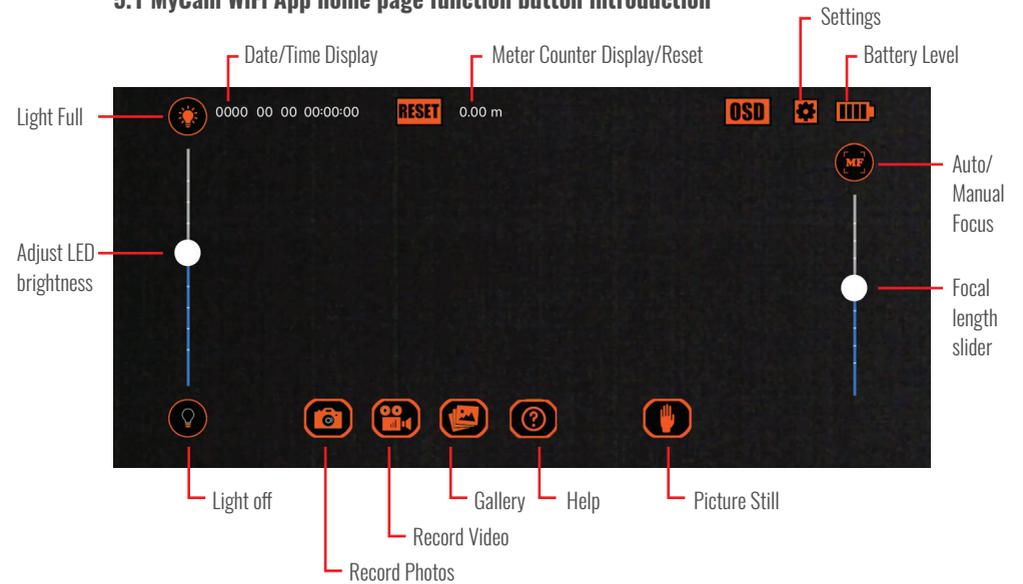
#### 4.4 Return to the APP home screen

to watch the video.



### 5. MyCAM WIFI APP INTRODUCTION

#### 5.1 MyCam WiFi App home page function button introduction



#### Brightness

Adjust the brightness of the six white lights by moving the circular slider on the left up and down. The lights are brightest when the circular icon is moved to the top and off when the circular icon is moved to the bottom. The six white lights can also be controlled by 25 percent or half of their brightness when the circular icon is moved from bottom to top or from top to bottom.



#### Record Photos

Click on the Camera icon to take a photo. Photos are saved on Phone by default.



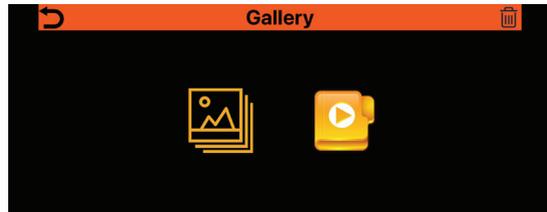
#### Record Video

Click on the Video icon to take a video. Videos are saved on Phone by default.



## Gallery

Click on the “Gallery” icon to access all pictures and videos taken with camera and the following interface will pop up:



If you want to delete all the photos and videos stored on Phone through the MyCam wifi, click the Delete icon “” in the upper right corner of the interface. A dialog box will pop up asking you to confirm whether you want to delete them – if you don’t want to delete them, click the Cancel button.

**Note:** If there are no photos or videos taken through the camera, the delete icon “” will not be displayed.



## View Photos

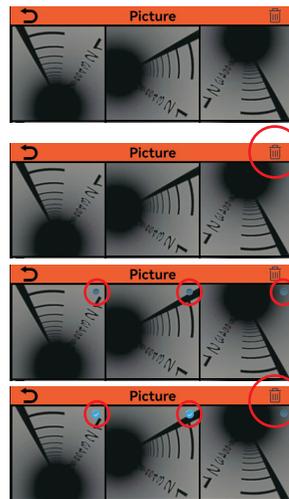
Click on the photo file icon and the following interface will pop up, if you want to see that photo, just click on the photo, and it pops up.

## Delete Photos

If you delete a photo, click the Delete icon “” in the upper right corner of the screen.

In the upper right corner of each photo a blue circle with a gray icon inside will be displayed, as shown...

Click on the blue circle in the top right corner of the photo you want to delete. The circle will turn blue and a white V will pop up inside it. Click the Delete icon in the upper right corner again, and a dialog box will pop up confirm you want to delete or not.



## View Videos

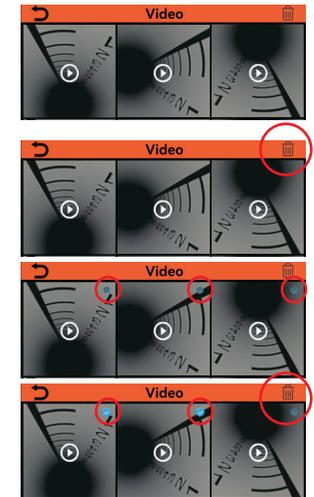
Click on the video file icon and the following interface will pop up, tap the video file and the video will pop up and play automatically.

## Delete Videos

If you delete a video, click the Delete icon “” in the upper right corner of the screen.

In the upper right corner of each photo a blue circle with a gray icon inside will be displayed, as shown...

Click on the blue circle in the top right corner of the photo you want to delete. The circle will turn blue and a white V will pop up inside it. Click the Delete icon in the upper right corner again, and a dialog box will pop up confirm you want to delete or not.



## Help

Click on the “Help” icon to pop up the following interface. Click on the “User Manual” icon and the user manual information will appear.



## Picture Still

Click on the palm icon will generate a still photo, allowing you to decide whether to save the photo. Click on the Save icon if you think the photo looks good, or click on the Cancel.



## Manual Focus

By moving the orange circular slider below the MF icon, you can adjust the focal length of the lens.



## Battery Level Indicator

Battery Full  Battery Low 

# 6. APP SETTINGS



## Settings

Through the setting interface, you can set the optical frequency, image display mode and meter counter display unit mode. At the same time, you can see the firmware version and APP version information of the product in the setting interface. Click the setting icon, and the following interface pops up:



**Note:** After modifying any function in the setting interface, you need to click the Save button, so that the function can be modified successfully.

## Light Frequency

It has two options for light frequency: 50Hz and 60Hz, as shown in the following interface. The default frequency is 50Hz. If the frequency is 60Hz in your area, please select 60Hz and click Save button.

## Rotenc Unix

Here represents the distance of the camera advancing or retreating through the glass fiber, which has two display modes of meters (m) and feet (ft), as shown in the interface right:



## Display Mode

It has three display modes: Standard, Always up round and Always up full screen, as shown in the interface right:



### Standard Mode:

the image on the screen rotates as the camera rotates. As shown in the following picture:



The image displayed with the Smartcam facing up.



The image displayed after the Smartcam is rotated 180 degrees.

### Always Up Round Mode:

the image remains the right way up on the app display, regardless of the camera's orientation. And the video always appears round.



The image displayed with the Smartcam facing up.



The image displayed after the Smartcam is rotated 180 degrees.

### Always Up Full Screen Mode:

the image on the screen remains the right way up on the app display, regardless of the camera's orientation.



The image displayed with the Smartcam facing up.



The image displayed after the Smartcam is rotated 180 degrees.

## Display Time

By setting the display time function, you can display the current time on the APP interface.



**Display Time** Click the “Display Time” button, and the following interface will display as follows:



**Setting:** There are two modes: enable and disable.

**Enable:** If you select “ Enable” and then click the Save button, the current time will

**Disable:** If you select “Disable” and then click the Save button, the current time will not be displayed on the APP interface.

**Position:** When the current time is displayed in the APP interface, there are four positions displayed: Top left corner, Top right- hand corner, Bottom right- hand corner and left lower corner.

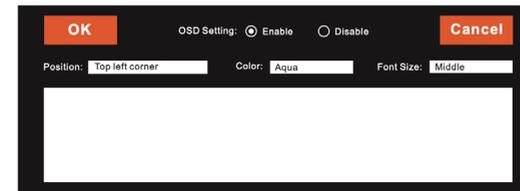
**Color:** This refers to the font color that displays the current time in the APP interface. There are 16 colors available: Aqua, black, blue, brown, dodge blue, gray, green, khaki, light green magenta, orange, pink, red, slate blue, white, yellow.

**Font Size:** This Refers to the font size that displays the current time in the APP interface. There are three formats small, middle and big.

## OSD (on-screen display)

It is a function set for the convenience of users to record some information.

**OSD** Click on OSD Icon to pop up the following interface:



**OSD Setting:** There are two modes: enable and disable.

**Enable:** After selecting Enable, you can type the text you want in the white box, and then click the ok button, and the text will be displayed on the APP interface. If you do not want to display the text, click the Cancel button. Note: In the white box, limit each line to no more than 50 characters, no more than 10 lines, and no more than 150 characters in total.

**Disable:** Selecting Disable and then clicking the OK button, the text in the box will not display.

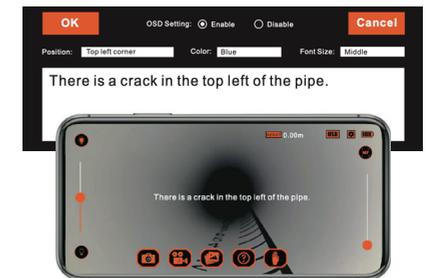
**Position:** This refers to the position of the text when displayed in the APP interface.

**Color:** This refers to the font color in the APP interface. There are 16 colors available.

**Font Size:** This Refers to the font size that displays the current time in the APP interface. There are three formats small, middle and big.

**For example, type in the white box:**

There is a crack in the top left of the pipe.  
position Select center, the font color is white, the font size is middle. and then click the OK button. The APP interface will display as follows:



## Fast Charge



When the camera is charged, the icon “” is displayed on the APP interface, and the camera can be fully charged in 60 minutes as shown below.



### Record video with sound

You can store both sound and video in a smart device. It can provide customers with accurate inspection reports.



### Digital pinch zoom

Zoom in and out of an image by using two fingers to drag in and out of the MyCam wifi app screen. It can increase visibility and precision on inspections.



The video image is displayed normally.



Zoom in to display the video image.

## 7. PACKING LIST



Type-C  
USB Cable



1.8m Carry  
Strap



Guide bracket with an external  
diameter of 40mm/80mm



## 8. SPECIFICATIONS

Sensor Type	1/3" CMOS
Image Resolution	720p (1280 x 720)
Lens	Auto/manual focus
Viewing angle	Horizontal:88°, Vertical:48°
Focal length	F=2.4mm
Aperture	F2.0
Wireless Range	up to 20m (In line of sight)
Frequency	2412-2462MHz
Transmitting Distance	6m approx
Operating Time	approx 9 hours (LEDs full) to 12 hours
Charging Time	4 hours fast charge
Battery Capacity	10000mAh
Battery Type	lithium polymer
Charge Voltage	DC 5V
Adjustable bright white LEDs	12 white - control functionality via the app (off, 25%, half, full)
Waterproofing grade	IP67, When the back cover is tightened, it is dustproof and waterproof.
Always up viewing function	When the camera rotates, the image can be set to way up all the time
Record video with sound	Yes
Built-in meter counter	Yes
Glass fiber line length	30m
Automatic wire locking mechanism	Yes
Charge Port	USB Type C
Output Port	USB
Operating Temperature	0 °C to 40 °C
Storage Temperature	-20 °C to 50 °C
Dimensions of the Small guide bracket (W x D x H mm)	φ40mmX65.4mm
Dimensions of the big guide bracket (W x D x H mm)	φ80mmX57.6mm
Camera Dimensions (W x D x H mm)	φ28mmX54.8mm (The size of the spring included in the camera is φ28mmX156.2mm)
Product Dimensions (W x D x H mm)	500mmX383mmX132mm
Product Weight	7.1Kg

## 9. FAQs

### How many smart devices can connect to a camera to watch video at the same time?

There is no limit on the number of smart devices connected to watch videos, but the more smart devices connected to watch videos at the same time, the slower the video will be. It is recommended not to have more than two smart devices connected to the MyCam to watch videos at the same time.

### What does it mean that the video is striped?

It's because the battery is low. Please charge the camera right away.

### I can connect to the WiFi, but it won't show an image in the iOS App?

It shows an error message Error(100)(Connect the device time out!) Go to Settings-> Mobile Data-> Scroll down to find the MyCam WiFi App and turn off to prevent the App trying to use mobile data.

### I can connect to the WiFi, but it won't show an image in the Android App?

It shows an error message Error(100)(Connect the device time out!) Go to Settings-> Connections-> Data Usage-> Mobile Data only apps-> Scroll down to find the MyCam WiFi App. Turn off background data to prevent the App trying to use mobile data.

### Can the MyCam cameras work underground, underwater or inside metal pipes?

Yes.

### Why does the product not reflect the fast charging effect?

Please use the Type-C cable we provide and use the power plug that supports fast charging to achieve fast charging.

### Why can't the camera charge the phone?

Because when the battery power is reduced to a certain extent, the battery gives priority to the camera and stops the external power supply to the phone.







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