

# Industrial Video Drain / Pipe Inspection Camera

Model No. 3499F

This is a professional video inspection camera designed for inspection of sewer, pipe, air ducts, underground cable pipes, etc. Equipped with a  $\Phi 23\text{mm}$  1/3" CMOS camera head, 20-40m fiberglass rod cable and 10.1" LCD monitor with SD card recording, it's a great choice for pipe DN 40mm~150mm.



**1080P  
AHD**

1/3" CMOS

10.1"  
TFT Screen

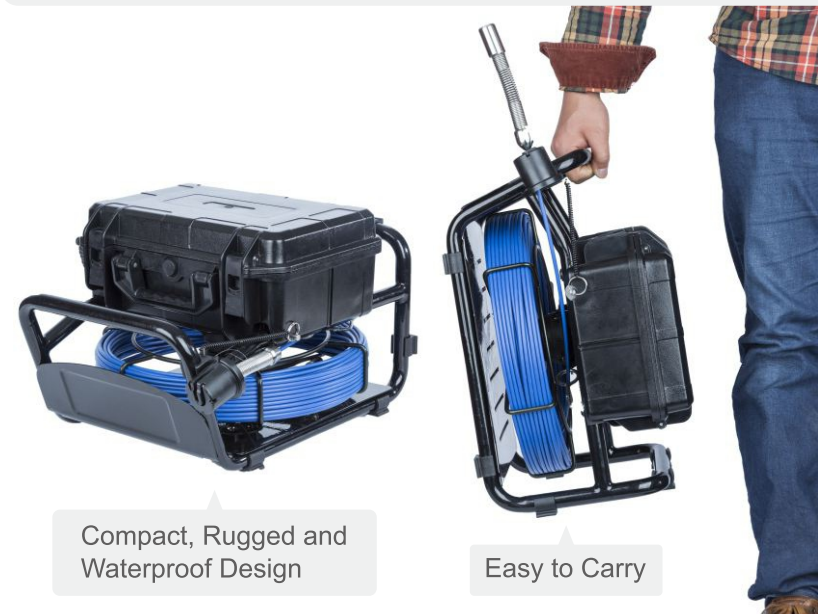
Li-battery

Recording

20-40m  
Cable

Keyboard

Meter  
Counter



Compact, Rugged and  
Waterproof Design

Easy to Carry

# Industrial Video Drain/Pipe Inspection Camera

## Purpose of the design

The purpose of designing this product is that over the past years we have more and more customers expect us to design a more advanced drain camera to fix a lot of issues of the 'typical' model that all parts are mounted inside a box; for example, almost nobody will clean the rod cable after using and this makes the box not only dirty but also wet and often damage the product. And after a year's effort, this is built, a more professional, tougher and better looking camera is now available.



The system comes with a keyboard which you can use it to write simple notes on the screen and this will be displayed on the images and videos that are stored in SD card.



The whole system is rain resistant (box closed). And besides, the cable reel is designed out of the box for easy cleaning and to avoid any dirty things getting into box.

## Features

- ◆ 1/3 inch CMOS 1080P AHD camera head, 130° wide vision angle
- ◆ Stainless steel camera head, IP68 waterproof level
- ◆ Sapphire glass lens cover, 15 high light white LEDs
- ◆ Diameter of camera: 23 mm
- ◆ Two plastic guides for camera head, Ø46mm & Ø80mm
- ◆ 10.1" LCD color monitor (Optional choice: 7" monitor)
- ◆ SD Card slot to store still pictures or videos
- ◆ One push record button
- ◆ LED brightness control button
- ◆ With microphone for local audio recording
- ◆ Rechargeable battery lasts up to 6 hours
- ◆ On-Screen date and time, distance counter
- ◆ 20, 30 or 40m fiberglass Ø5.2mm push rod
- ◆ Ability to go through 90°bends in Ø45mm pipes
- ◆ With smart braking system
- ◆ With Keyboard for text input (English)

## Specifications

### Camera Head

Sensor:	1/3 inch CMOS
Resolution:	AHD 1920 x 1080
Head Dimension:	23mm(dia.)x51mm(length)
Camera Material:	304# Stainless Steel
View Angle:	130° wide angle
Lens Cover:	Sapphire glass
Leds:	15 pcs High White LEDs
Water Proof:	IP68-20m under water
Focus Distance:	15cm(Approx)

### Cable Reel

Material:	Fiberglass rod cable
Wheel:	Stainless steel wheel
Cable Length:	20, 30 or 40m optional
Connector:	Gold touch-point connector
Rotation:	Slip ring
Wheel diameter:	33cm
Cable diameter:	5.2mm (0.2")

### LCD Display and DVR

LCD Resolution:	1024x600 pixels
Video Resolution:	AHD 1080P
Video Compress:	MPEG-4
Recording:	Video and audio recording
Picture:	Picture shot function
LCD Size:	10.1 inch
Menu Language:	14 Languages
Panel Control:	Any functions through buttons
External Memory:	SD Card(Max. 64GB)

## Own Repairable



You can get any spare parts or guides from us to repair your cameras in your own company.



## Parts for a kit



1 × Control Box



1 × Camera Head



1 × Cable Reel



1 × 46mm Skid



1 × 80mm skid



1 × Power Adapter



1 × Car Charger



1 × Connection Cable



1 × Remote Control



1 × Screw Driver