

**1080P
AHD**

1/3" CMOS

10.1"
TFT Screen

Li-battery

Recording

20-40m
Cable

Meter
Counter



Industrial Video Drain/Pipe Inspection Camera

Model No. 3199F

This Video Drain/Pipe Inspection Camera, equipped with a $\Phi 23\text{mm}$ 1/3" CMOS camera head and a 20m, 30m or 40m cable reel, is designed for inspection of internal pipelines, drains and sewerage systems. It's also suitable for inspection of ducts, chimneys, machinery and building.



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Designed and Made in Shenzhen, China

Structure

Unique Design

The unique design of this camera system is that all parts (including camera head, monitor, cable reel, guides, etc) are mounted in a robust waterproof case and cables/wires are already plugged, which enables the camera to be a real OPEN & GO product.



High-Brightness 10.1" New monitor, with Sd card recording and sun visor

Three -row buttons make it very easy to use



The cable reel is mounted in the case, therefore the fiberglass rod cable can be pulled out and back without the need to take out and hold the reel, making it much easier to use!



Features

- ◆ 1/3inch CMOS 1080PAHD camera head, 130° wide vision angle
- ◆ Stainless steel camera head, IP68 waterproof level
- ◆ Sapphire glass lens cover, 15pcs high light white LEDs
- ◆ Diameter of camera: 23 mm, suitable for pipe dia. 25-200mm
- ◆ Two plastic guides for camera head, Φ46mm & Φ80mm
- ◆ 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 Φ5.2mm push rod
- ◆ Fully bendable from DN 50mm
- ◆ Rotatable cable reel mounted in case for convenient operation
- ◆ Waterproof ABS suitcase with all parts included

Specifications

Camera Head

Sensor:	1/3 inch CMOS
Resolution:	AHD 1920x1080
Head Dimension:	23mm (dia.) x 51mm (length)
Camera Material:	304# Stainless Steel
View Angle:	130° wide angle
Leds:	15pcs High White LEDES
Waterproof	IP68-20m underwater
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:	Rotatable in the suitcase
Wheel diameter:	33cm
Cable diameter:	5.2mm

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:	10.1inch
Menu Language:	14 Languages
Panel Control:	Any functions through buttons
External Memory:	SD Card(Max.64GB)

Parts for a kit

1 x Suitcase



1 x Camera head



1 x Cable reel



1 x 46mm Skid



1 x 80mm Skid



1 x Screws and camera head waterproof seal



1 x Remote Control



1 x Screw Driver (for plastic guide)



1 x Car Charger



1 x Power Adapter

