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Professional Manufacturer of Inspection Cameras



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Industrial Video Inspection Cameras

- Pipe/Drain Inspection Cameras
- Pipe Locator(512Hz/640Hz/33kHz)
- Video Borescopes
- Cavity Wall Inspection Camera

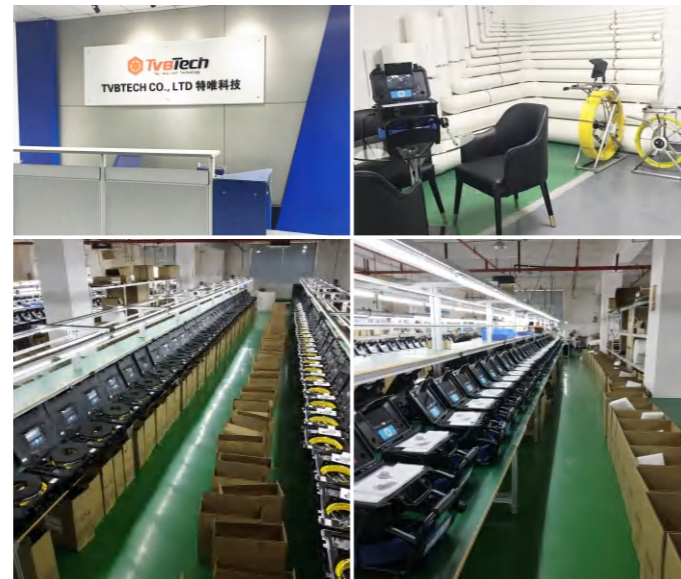
ABOUT US

Founded in 2008, our company has established a reputable presence internationally as a leading provider of pipe inspection cameras in China. With years of experience in the industry, we are dedicated to delivering top-quality solutions for pipe inspection needs.

At our company, we specialize in the design, development, and manufacturing of advanced pipe inspection cameras. Our cutting-edge technology enables accurate and efficient inspection of pipelines, ensuring the detection of flaws, blockages, and other potential issues. Our pipe inspection cameras are utilized across various sectors including municipal infrastructure, industrial applications, oil and gas pipelines, and more.

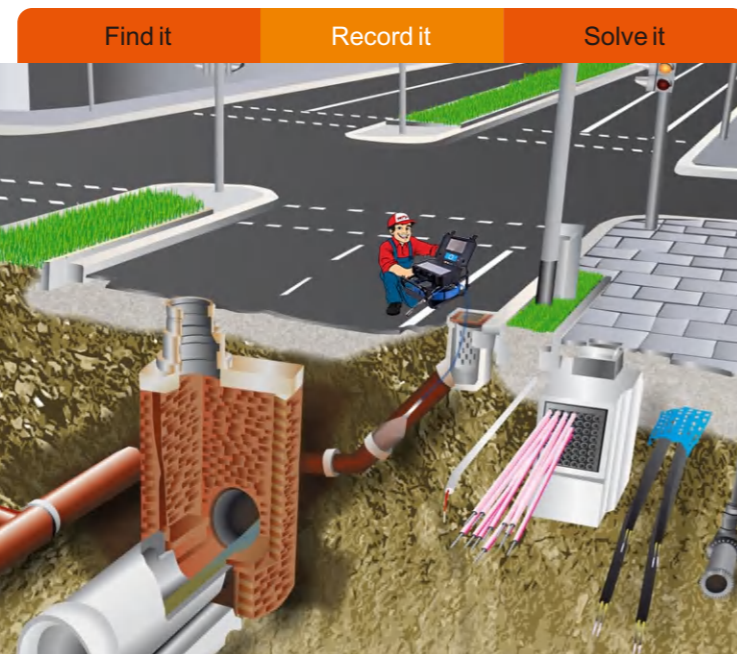
Over the years, our company has built a strong reputation for delivering exceptional products and exceptional customer service. Our commitment to quality, reliability, and continuous improvement has earned us recognition in the international market. We take pride in our extensive network of satisfied customers who rely on our pipe inspection cameras to streamline their operations and ensure optimal pipeline performance.

As we look to the future, we remain dedicated to pushing the boundaries of pipe inspection technology. Our team of skilled engineers and professionals continuously strive to develop new features and enhancements that meet the evolving needs of the industry.



Various Applications of Pipe Inspection Cameras

- 1.Plumbing/ Construction/ Survey Instrument.
- 2.Drain Sewer Cleaning.
- 3.Air Duct Cleaning.
- 4.Trenchless Pipe Relining Industry.
- 5.Telecom Industry.



HOW to Choose a Pipe Inspection Camera?

Pipe inspection cameras are widely used by plumbers, contractors, engineers, home inspectors, municipal workers and other professionals for inspecting areas that are hard to see.

To choose a camera you need to KNOW

- 1.What sized pipes/ sewers/ drains you are going to use it in? this is to decide the pipe camera's diameter of camera head, length and size of rod cable, amount of light, etc.
- 2.Do you need optional features such as built-in Sonde, on-screen distance counter, self-leveling, Keyboard text input, etc. ?
- 3.How available is service after sale? TvbTech has been very professional and efficient in not only producing cameras but also providing high quality after-sale services.



A Glance of TvbTech Pipe Inspection Cameras

	<p>3499F / FB 1080P Full HD</p> <p>Dia. of Cam: $\Phi 14, 18$ or 23mm Length of Cable: 20-40m Thickness of Cable: $\Phi 4.8, 5.2$ or 6.8mm Fits for Pipe DN: $\Phi 20-150\text{mm}$ Standard Features: Meter counter, Keyboard Optional Features: 512Hz Sonde, Self-Leveling, 10.1" LCD Screen, 33KHz Transmitter</p>	
	<p>3199F-14mm</p> <p>Dia. of Cam: $\Phi 14\text{mm}$ Length of Cable: 20-40m Thickness of Cable: $\Phi 4.8\text{mm}$ Fits for Pipe DN: $\Phi 20-100\text{mm}$ Standard Features: Meter counter Optional Features: Keyboard, 512Hz Sonde, 10.1" LCD Screen, 18mm camera head</p>	
	<p>3399F / FB</p> <p>Dia. of Cam: $\Phi 38\text{mm}$ Length of Cable: 40-60m Thickness of Cable: $\Phi 6.8\text{mm}$ Fits for Pipe DN: $\Phi 50-300\text{mm}$ Standard Features: Meter counter, Self-Leveling, Keyboard Optional Features: 512Hz Sonde, 10.1" LCD Screen, 33KHz Transmitter</p>	

SEE PRICE LIST FOR COMPLETE LIST OF DIFFERENT OPTIONS, PART NUMBERS, SPARE PARTS AND PRICES.
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Mini Drain/Pipe Inspection Camera System with 20m, 30m, 40m or 60m (66, 98, 131 or 197ft) Cable



Model No.3499F -14mm

Camera Size Φ14mm×21mm	Rod Cable Φ4.8mm	White LEDs 4pcs
For Pipe Dia 20-80mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 648x488	Meter Counter Built-in	Text Input Keyboard

Optional Functions



Specifications

Camera Head	
Sensor	1/4" CMOS
Resolution	648x488 Pixels
View Angle	90°(diagonal)
Focus Distance	6-8cm (approx)
Depth-of-Field	20cm(approx)
Front Lens	Sapphire Glass
Camera Size	Φ14mm×21mm (Main body)
Camera Length	125mm(Total)
Water-Proof	10m Water(Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 4×LED(White)

LCD Display and DVR	
LCD Resolution	1024x600 pixels
Video Resolution	CVBS D1
Video Compress	High Compression / H.264
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	7" or 10.1"
Menu Language	14 Languages
Panel Control	Any functions through buttons
External Memory	C10 SD Card (Max. 64GB)
Battery Capacity	7.2V 6400mAh Li-ion Battery

Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30,40 or 60m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	4.8mm(0.19")
Meter and Feet	Meter/ft/Off



Compact, Rugged and Waterproof Design



Convenient Transportation



Easy to Carry



Removable Control box with keyboard

Flexible Drain/Pipe Inspection Camera System with 20m, 30m, 40m or 60m (66, 98, 131 or 197ft) Cable



Model No.3499F -18mm

Camera Size Φ18mm×29mm	Rod Cable Φ4.8mm	White LEDs 9pcs
For Pipe Dia 22-80mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 1080P Full HD	Meter Counter Built-in	Text Input Keyboard

Optional Functions



Specifications

Camera Head	
Sensor	1/3" CMOS
Resolution	AHD 1920×1080
View Angle	130°(diagonal)
Focus Distance	10cm (approx)
Depth-of-Field	20cm(approx)
Front Lens	Sapphire Glass
Camera Size	Φ18mm×29mm(Main body)
Camera Length	135mm(Total)
Water-Proof	20m Water(Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 9×LED(White)

LCD Display and DVR	
LCD Resolution	1024x600 pixels
Video Resolution	AHD 1080P
Video Compress	High Compression / H.264
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	7" or 10.1"
Menu Language	14 Languages
Panel Control	Any functions through buttons
External Memory	C10 SD Card (Max. 64GB)
Battery Capacity	7.2V 6400mAh Li-ion Battery

Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30,40 or 60m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	4.8mm(0.19")
Meter and Feet	Meter/ft/Off



Compact, Rugged and Waterproof Design



Convenient Transportation



Easy to Carry



Removable Control box with keyboard

Popular Drain/Pipe Inspection Camera System with 20m, 30m or 40m (66, 98 or 131ft) Cable



1080P FULL HD

Model No.3499F -23mm

Weight:11.5KG

Camera Size Φ23mm×51mm	Rod Cable Φ5.2mm	White LEDs 15pcs
For Pipe Dia 30-150mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 1080P Full HD	Meter Counter Built-in	Text Input Keyboard

Optional Functions



Specifications

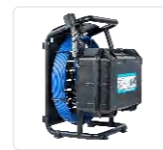
Camera Head	
Sensor	1/3" CMOS
Resolution	AHD 1920×1080
View Angle	130°(diagonal)
Focus Distance	15cm (approx)
Depth-of-Field	20cm(approx)
Front Lens	Sapphire Glass
Camera Size	φ23mm×51mm(Main body)
Camera Length	155mm(Total)
Water-Proof	20m Water(Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 15×LED(White)
Illumination	70 lm Max

LCD Display and DVR	
LCD Resolution	1024x600 pixels
Video Resolution	AHD 1080P
Video Compress	High Compression / H.264
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	7" or 10.1"
Menu Language	14 Languages
Panel Control	Any functions through buttons
External Memory	C10 SD Card (Max. 64GB)
Battery Capacity	7.2V 6400mAh Li-ion Battery

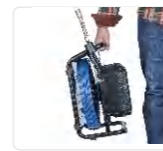
Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30 or 40m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	5.2mm(0.2")
Meter and Feet	Meter/ft/Off



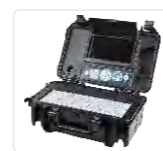
Compact, Rugged and Waterproof Design



Convenient Transportation



Easy to Carry



Removable Control box with keyboard

Top Seller Drain/Pipe Inspection Camera System with 20m, 30m or 40m (66, 98 or 131ft) Cable



1080P FULL HD

Model No.3499FB

Weight:11.8KG

Camera Size Φ23mm×51mm	Rod Cable Φ6.8mm	White LEDs 15pcs
For Pipe Dia 30-150mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 1080P Full HD	Meter Counter Built-in	Text Input Keyboard

Optional Functions



Specifications

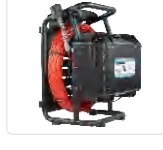
Camera Head	
Sensor	1/3" CMOS
Resolution	AHD 1920×1080
View Angle	130°(diagonal)
Focus Distance	15cm (approx)
Depth-of-Field	20cm(approx)
Front Lens	Sapphire Glass
Camera Size	φ23mm×51mm(Main body)
Camera Length	155mm(Total)
Water-Proof	20m Water(Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 15×LED(White)
Illumination	70 lm Max

LCD Display and DVR	
LCD Resolution	1024x600 pixels
Video Resolution	AHD 1080P
Video Compress	High Compression / H.264
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	7" or 10.1"
Menu Language	14 Languages
Panel Control	Any functions through buttons
External Memory	C10 SD Card (Max. 64GB)
Battery Capacity	7.2V 6400mAh Li-ion Battery

Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30 or 40m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	6.8mm(0.26")
Meter and Feet	Meter/ft/Off



Compact, Rugged and Waterproof Design



Convenient Transportation



Easy to Carry



Removable Control box with keyboard

Compact Pipe Inspection Camera with Dual Cameras/Cables

Model No.3499F-Dual



One compact system with 2 cable wheels and 2 camera heads. Now it's possible to operate both 23mm and 14mm camera heads on a same system.

Typical Configurations:

- 5.2mm rod cable with 23mm head + 4.8mm rod cable with 14mm camera head
- 6.8mm rod cable with 23mm head + 4.8mm rod cable with 14mm camera head



With wheels and retractable handle



Handheld Handle



Roll Type Cable Guide



Built in 512Hz Sonde & Self-leveling(optional)



Built in 512Hz sonde (optional)

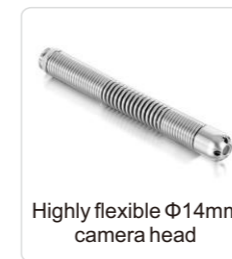
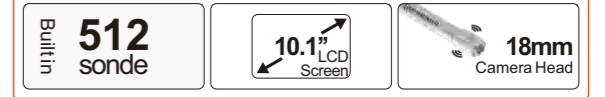
Mini Classic Drain/Pipe Inspection Camera with 20m, 30m or 40m (66, 98 or 131ft) Cable

Model No.3199F-14mm



Camera Size Φ14mm×21mm	Rod Cable Φ4.8mm	White LEDs 4pcs
For Pipe Dia 20-80mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 648x488	Meter Counter Built-in	Text Input Keyboard

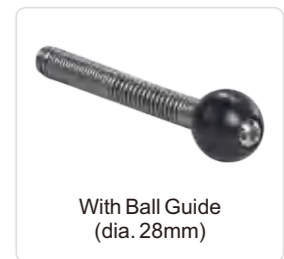
Optional Functions



Highly flexible Φ14mm camera head



Passing through 90° bends in a DN 30mm pipe



With Ball Guide (dia. 28mm)

Specifications

Camera Head		LCD Display and DVR	
Sensor	1/4" CMOS	LCD Resolution	1024x600 pixels
Resolution	648x488 Pixels	Video Resolution	CVBS D1
View Angle	90°(diagonal)	Video Compress	High Compression / H.264
Focus Distance	6-8cm (approx)	Recording	Video and audio recording
Depth-of-Field	20cm(approx)	Picture	Picture shot function
Front Lens	Sapphire Glass	LCD Size	7" or 10.1"
Camera Size	Φ14mm×21mm (Main body)	Menu Language	14 Languages
Camera Length	125mm(Total)	Panel Control	Any functions through buttons
Water-Proof	10m Water(Camera fix on Cable)	External Memory	C10 SD Card (Max. 64GB)
Shell Material	304# Stainless Steel	Battery Capacity	7.2V 6400mAh Li-ion Battery
Lighting	Built-in 4×LED(White)		

Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30,40m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	4.8mm(0.19")
Meter and Feet	Meter/ft/Off



Classic Drain/Pipe Inspection Camera with 20m, 30m or 40m (66, 98 or 131ft) Cable

**1080P
FULL HD**



Model No.3199F-23mm

Camera Size Φ23mm×51mm	Rod Cable Φ5.2mm	White LEDs 15pcs
For Pipe Dia 30-150mm	LCD Size 7"	Built-in Battery Last 6 Hours
Resolution 1080P FULL HD	Recording SD Card	Cable Length 20-40m

Optional Functions

Meter Counter



**512
sonde**



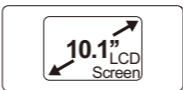
self-leveling



Keyboard



**33KHz
Transmitter**



**10.1" LCD
Screen**

Specifications

Camera Head	
Sensor	1/3" CMOS
Resolution	AHD 1920×1080
View Angle	130°(diagonal)
Focus Distance	15cm (approx)
Depth-of-Field	20cm(approx)
Front Lens	Sapphire Glass
Camera Size	φ23mm×51mm(Main body)
Camera Length	155mm(Total)
Water-Proof	20m Water(Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 15×LED(White)
Illumination	70 lm Max

LCD Display and DVR	
LCD Resolution	1024x600 pixels
Video Resolution	AHD 1080P
Video Compress	High Compression / H.264
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	7" or 10.1"
Menu Language	14 Languages
Panel Control	Any functions through buttons
External Memory	C10 SD Card (Max. 64GB)
Battery Capacity	7.2V 6400mAh Li-ion Battery



Passing through 4x90° bends in 45mm(1.8")pipe



Camera skids 46mm & 80mm(1.8&3.15")



Cable reel is mounted and rotatable in the case



Drain/Pipe Inspection Camera System with 40m, 50m or 60m (131, 164 or 197ft) Cable

Model No.3399F/FB



Camera Size Φ38mm×81mm	Rod Cable Φ6.8mm	White LEDs 12pcs
For Pipe Dia 45-300mm	LCD Size 7"	Resolution 480 TV-Line
Self-leveling Standard Feature	Meter Counter Built-in	Text Input Keyboard

Optional Functions

**Built in
512
sonde**



**33KHz
Transmitter**



Mini Roller Skid, Dia. 70mm/2.76" for pipe dia. 75-120mm(2.95-4.72")



Universal Roller Skid, Dia. 120mm(Min.)250mm (Max.)(4.72-9.84")



Keyboard for Text Input



Stand Horizontally

Specifications

Camera Head	
Material	#304 Stainless Steel
Dimension	Φ38mmx81mm(Main body)
sensor	1/3" CMOS,480 TV Lines
View Angle	120°
Focal Distance	12-120cm
LEDs	12pcs high light LEDs
Waterproof	Max.20m(65') under water

Push Cable	
Cable Diameter	6.8mm
Cable Material	Fiberglass
Available Length	40/50/60m(131/164/197ft)
Wheel Material	Stainless Steel

Monitor	
LCD	7" 16:9 high definition color LCD monitor
Resolution	1024x600 pixels
Encoding	H. 264
Storage	SD Card slot to store still images or videos
Sound	Local audio recording
Battery	Built-in rechargeable battery
Work time	4-5 hours
Charge time	6-7 hours
Menu Language	English, German, French, Spanish, Italian, Chinese, Japanese, Russian, Portuguese.



3399FB with monitor and keyboard mounted in a rain resistant box

Drain/Pipe Inspection Camera System with 60-120m (195-394ft) Cable



Model No.3299F/FB

Camera Size Φ38mm×81mm	Rod Cable Φ9mm	White LEDs 12pcs
For Pipe Dia 45-300mm	LCD Size 7"	Resolution 480 TV-Line
Self-leveling Standard Feature	Meter Counter Built-in	Text Input Keyboard

Optional Functions



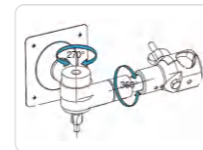
Mini Roller Skid, Dia. 70mm/2.76" for pipe dia. 75-120mm(2.95-4.72")



Universal Roller Skid, Dia. 120mm(Min.)250mm (Max.)(4.72-9.84")



U-shape wheel Extension handle for taller operators



Universal Bracket to install monitor on top or side of the wheel

Specifications

Camera Head	
Material	#304 Stainless Steel
Dimension	Φ38mmx81mm(Main body)
sensor	1/3" CMOS, 480 TV-Lines
View Angle	120°
Focal Distance	12-120cm(4.71-47")
LEDs	12pcs high light LEDs
Waterproof	Max.20m(65') under water

Push Cable	
Cable Diameter	9mm
Cable Material	Fiberglass
Available Length	60/80/100/120m(197/262/328/394ft)
Wheel Material	Stainless Steel

Monitor	
LCD	7" 16:9 high definition color LCD monitor
Resolution	1024x600 pixels R.G.B
Encoding	H.264
Storage	SD Card slot to store still images or videos
Sound	Local audio recording
Battery	Built-in rechargeable battery
Work time	4-5 hours
Charge time	6-7 hours
Menu Language	English, German, French, Spanish, Italian, Chinese, Japanese, Russian, Portuguese.



3299FB with monitor and keyboard mounted in a rain resistant box

Industrial Pan&Tilt Video Drain / Pipe Inspection Camera

Model No.3388PT



Camera Diameter Φ28mm	Rod Cable Φ8mm	White LEDs 2pcs
For Pipe Dia 40-100mm	LCD Size 10"	Self-leveling Standard Feature
Swing Angle 180°	Rotating Angle 360°	512hz Sonde Built-in

2 skids, Φ50mm, Φ90mm



Specifications

Camera Head	
Material	Aluminium
Camera Diameter	Φ28mm
Sensor	1/3 Inch CMOS
Camera swing angle	180°
Camera rotating angle	360°
Roller Skids	Φ50mm, Φ90mm
Camera head glass material	Sapphire glass
LEDs	2pcs high light LEDs
Waterproof	Max. 10m under water
512Hz	Yes
Auto Self-leveling	Yes

Push Cable	
Cable Diameter	8mm
Cable Material	Fiberglass
Available length	60m
Wheel material	Stainless steel

Push Cable	
LCD Resolution	600x800pixel
Video Compress	MPEG-4
Recording	Video and audio recording
Picture	Picture shot function
LCD Size	10 inch
Menu Language	8 Languages(English, German, French, Italian, Spanish, Portuguese, Russian, Dutch)
Panel Control	Any functions through buttons
External Memory	USB Stick/SD Card(Max 32GB)



3688 with φ 56mm Pan & Tilt Camera Head and 60~120m Fiberglass Cable

Model No. **TPL200**

Pipe Locator (512Hz/640Hz/33kHz)

The wireless pipe locator is a scanner used to find the position of the camera head (with 512Hz/640Hz/33kHz transmitter inside). It is a powerful tool that helps you to locate the exact place of the problems in a pipe.

Features:

- Distance: 10 meters (open area)
- Frequencies: 512Hz/640Hz/33kHz
- Power Line Locate: 50/60Hz Power Line
- Radio Frequencies: 250Hz~40kHz
- Percentage Signal Level: On Screen
- Signal Level Output: Speaker or headphone
- Sensitivity Setting: 0~100
- Speaker Level: Adjustable
- Power supply: Lithium Battery 7.4V 2200mAh (Build-in)
- Working time: 10 hours
- Size: 690mm×240mm×110mm
- Weight: 2KG
- Ingress Protection: IP65
- Operation Temperature: -10~50°C/+14~+122°F



Model No. **TV90W**

Multi-Purpose Mountable WiFi Video Borescope with 1m Telescopic Pole

This is an innovative WiFi inspection camera that can be mounted on different rods and poles to get extended reach. It's built-in WiFi hotspot for using on both iOS and Android devices. It's perfect for a wide range of applications including locating electrical wiring, building inspections, home inspection, for aviation and vehicle applications and even for search and rescue missions.



- Wireless range up to 20m
- Always up viewing mode
- 60 min fast charge
- Auto/manual focus
- Non-contact voltage detector
- IP67 dustproof and waterproof
- Built-in WiFi hotspot
- Record video with sound
- Digital pinch zoom

Model No. **HD5806AL**

5.5mm 720P HD 2-Way Articulating Borescope with Flexible Tube

Features

- Camera Head: 5.5mm, 640x480 pixels, 4 white LEDs
- Tube: Flexible, 1m length
- Articulation: 2 way, 300 Degrees
- 5" monitor with SD card recording/still image capture. With silicon protective cover



Model No. **4908AL**

Cavity Wall Inspection Camera (Upgraded Version with Sturdy 5" LCD)

Features

- 2.4Ghz wireless transmission between camera and monitor
- Mini stainless steel insertion tube, dia.: 9mm
- Tube length 300mm
- Side view camera head, 380TVL
- 2 high intensity LEDs on camera head, providing light up to 1.5 meters
- Video out function
- 5" TFT-LCD wireless monitor with SD card recording (Max. SD card: 32GB)
- Waterproof level: IP67 (camera tube only)
- Built-in Rechargeable Li-battery for both camera and monitor

Other Versions:

HD4908

Wired with 3.0" LCD, powered by 4xAAA batteries

HD4908-WiFi:

WiFi Version, APP operated supports both iOS and Android Phones



This is a side view rigid inspection camera that is specially designed for cavity wall inspection, wall tie and dry rot inspection, inspection of spaces under floors, above ceilings and behind panels and ducts, and many more where a rigid side view endoscope is required.