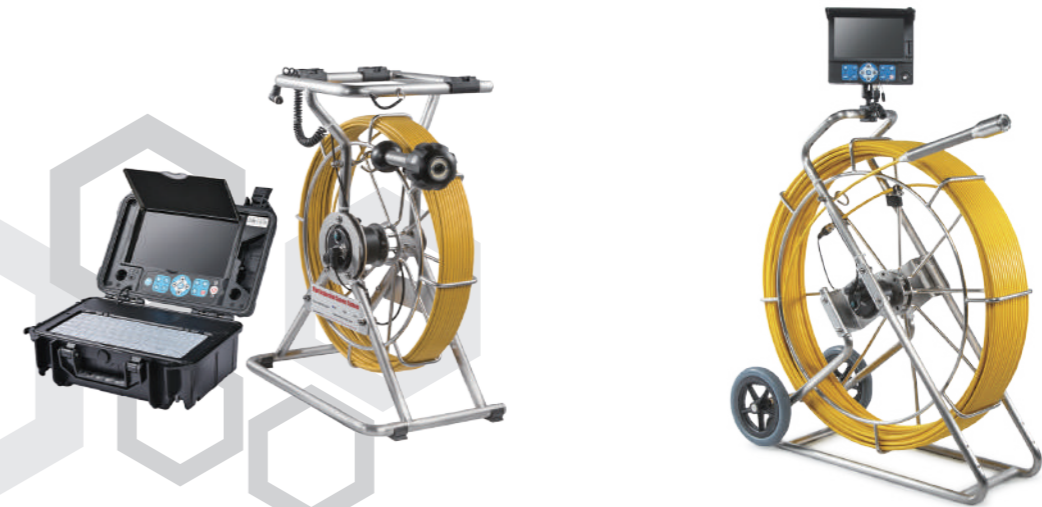




www.tvbtech.com
www.draincamera.com



Industrial Video Inspection Cameras

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



Scan for contact info:

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE

TVBTECH CO.,LTD.

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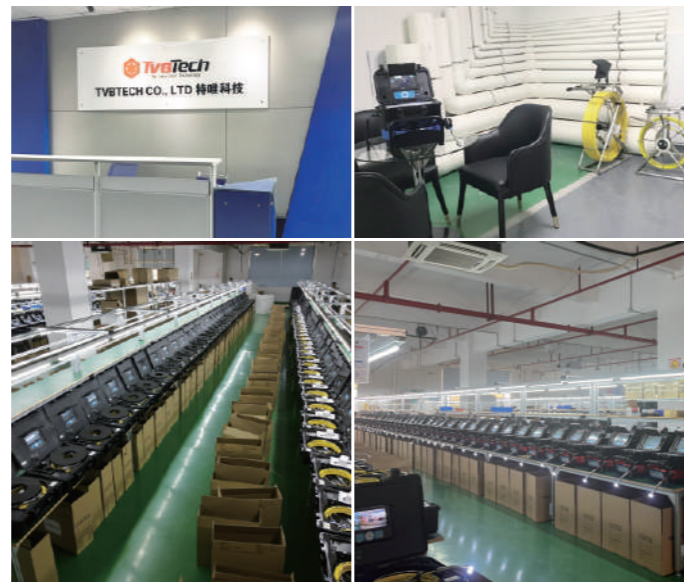


ABOUT US

Founded in 2008, TVBTech has grown into a globally recognized leader in pipe inspection camera technology. As a premier manufacturer based in China, we specialize in the design, development, and production of advanced pipe inspection solutions. Our cutting-edge cameras deliver precise, efficient pipeline assessments, enabling the detection of flaws, blockages, and other critical issues across diverse industries-including municipal infrastructure, industrial maintenance, and oil & gas pipelines.

Over the years, TVBTech has built a strong reputation for excellence, combining superior product quality with unmatched customer service. Our commitment to innovation, reliability, and continuous improvement has earned the trust of international markets. Today, a vast network of satisfied clients relies on our technology to enhance operational efficiency and ensure peak pipeline performance.

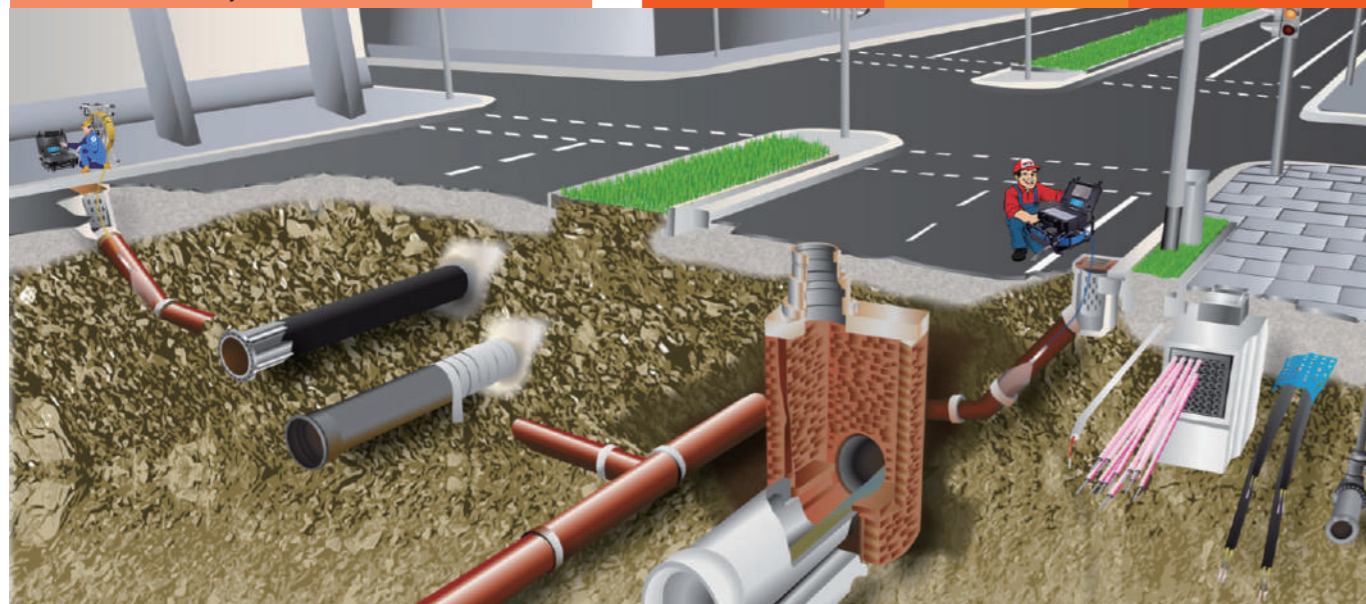
Looking ahead, we remain dedicated to pioneering the future of pipe inspection technology. Our team of skilled engineers and industry experts relentlessly pursues breakthroughs, developing smarter features and solutions to meet the evolving demands of the field.



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.

Find it Record it Solve it



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? TvbtTech has been very professional and efficient in not only producing cameras but also providing high quality after-sale services.



A Glance of TvbtTech Pipe Inspection Cameras

3599F / FB



Dia. of Cam: Φ 14,18 or 23mm
 Length of Cable: 20-40m
 Thickness of Cable: Φ 4.8, 5.2 or 6.8mm
 Fits for Pipe DN: Φ 20-150mm
 Standard Features: Meter counter, Keyboard
 Optional Features: 512Hz Sonde, Self-Leveling, 33Khz Transmitter

3499F / FB



Dia. of Cam: Φ 14,18 or 23mm
 Length of Cable: 20-40m
 Thickness of Cable: Φ 4.8, 5.2 or 6.8mm
 Fits for Pipe DN: Φ 20-150mm
 Standard Features: Meter counter, Keyboard
 Optional Features: 512Hz Sonde, Self-Leveling, 10.1" LCD Screen, 33Khz Transmitter

3399F / FB



Dia. of Cam: Φ 38mm
 Length of Cable: 40-60m
 Thickness of Cable: Φ 6.8mm
 Fits for Pipe DN: Φ 50-300mm
 Standard Features: Meter counter, Self-Leveling, Keyboard
 Optional Features: 512Hz Sonde, 10.1" LCD Screen, 33Khz Transmitter

3299F / FB



Dia. of Cam: Φ 38mm
 Length of Cable: 60-120m
 Thickness of Cable: Φ 9mm
 Fits for Pipe DN: Φ 50-300mm
 Standard Features: Meter counter, Self-Leveling
 Optional Features: 512Hz Sonde, 10.1" LCD Screen, 33Khz Transmitter

3199F-14mm



Dia. of Cam: Φ 14mm
 Length of Cable: 20-40m
 Thickness of Cable: Φ 4.8mm
 Fits for Pipe DN: Φ 20-100mm
 Standard Features: Meter counter
 Optional Features: Keyboard, 512Hz Sonde, 10.1" LCD Screen, 18mm camera head

3199F-23mm



Dia. of Cam: Φ 23mm
 Length of Cable: 20-40m
 Thickness of Cable: Φ 5.2mm
 Fits for Pipe DN: Φ 30-150mm
 Standard Features: N/A
 Optional Features: Meter counter, 512Hz Sonde, Self-Leveling, Keyboard, 10.1" LCD Screen, 33Khz Transmitter

SEE PRICE LIST FOR COMPLETE LIST OF DIFFERENT OPTIONS, PART NUMBERS, SPARE PARTS AND PRICES.
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Fully Rainproof Industrial Video Drain/ Pipe Inspection Camera

**1080P
FULL HD**



Model No.3599F&FB

Camera Size Φ23mm×51mm	Rod Cable Φ6.8mm	White LEDs 15pcs
For Pipe Dia 30-150mm	LCD Size 10.1 "	Built-in Battery Last 6 Hours
Resolution 1080P Full HD	Meter Counter Built-in	Text Input Keyboard

Optional Functions



Specifications

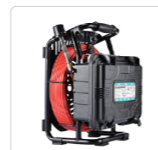
Camera Head	
Sensor	1/3" CMOS
Resolution	AHD 1920x1080
View Angle	130° wide angle
Focus Distance	10cm (approx)
Depth-of-Field	20cm (approx)
Front Lens	Sapphire Glass
Camera Size	Φ23mmx51cm (Main Body)
Camera Length	155mm (Total)
Water-Proof	20m Water (Camera fix on Cable)
Shell Material	304# Stainless Steel
Lighting	Built-in 15xLED (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	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	20m, 30m 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



Fully Rainproof Industrial Video Drain/ Pipe Inspection Camera

**1080P
FULL HD**



Model No.3599F-18mm

Camera Size Φ18mm×29mm	Rod Cable Φ4.8mm	White LEDs 9pcs
For Pipe Dia 20-80mm	LCD Size 10.1 "	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	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	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	20m, 30m, 40m 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

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

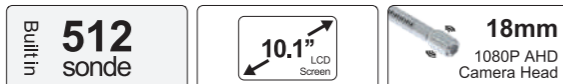


Weight: 11KG

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

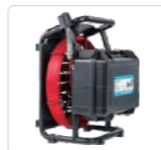
Camera Head	
Sensor	1/4" CMOS
Resolution	648x488 Pixels
View Angle	90° (diagonal)
Focus Distance	6-8cm (approx)
Depth-of-Field	20cm (approx)
Front Lens	Sapphire Glass
Camera Size	Φ14mm×21mm (Main body)
Camera Length	125mm (Total)
Water-Proof	10m Water (Camera fix on Cable)
Shell Material	304# Stainless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

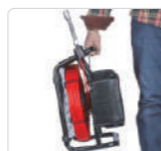
Cable Reel	
Meter Counter	Built-in
Material	Fiberglass Rod Cable
Wheel	Stainless Steel Wheel
Cable Length	20,30,40 or 60m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	4.8mm (0.19")
Meter and Feet	Meter/ft/Off



Compact, Rugged and Waterproof Design



Convenient Transportation



Easy to Carry



Removable Control box with keyboard

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



Weight: 11.8KG

Model No. 3499F&FB

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

Built In **512** sonde

10.1" LCD Screen

18mm 1080P AHD Camera Head

Keyboard

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	C-10 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	20,30,40m Optional
Connector	Gold Touch-Point Connector
Wheel Diameter	33cm
Cable Diameter	4.8mm (0.19")
Meter and Feet	Meter/ft/Off



Passing through 90° bends in a DN 30mm pipe



Highly flexible Φ14mm camera head



With Ball Guide (dia. 28mm)

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



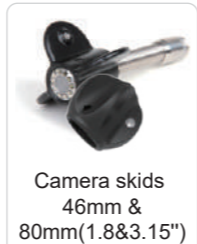
Specifications

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



Medium 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



Specifications

Camera Head	
Material	#304 Stainless Steel
Dimension	Φ38mm×81mm (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

Large 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 "	Built-in Battery Last 6 Hours
Self-leveling Standard Feature	Meter Counter Built-in	Text Input Keyboard

Optional Functions



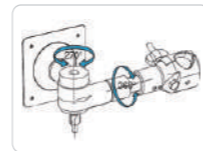
Mini Roller Skid, Dia. 70mm/2.76" for pipe dia. 75-120mm(2.95-4.72")



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

Industrial Pan&Tilt Video Drain / Pipe Inspection Camera



Model No.3388PT

Camera Size 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

LCD Display and DVR	
Cable Diameter	8mm
Cable Material	Fiberglass
Available length	60m
Wheel material	Stainless steel

Monitor	
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: -10~50oC/+14~+122oF



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. **HD5808AL**

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.