

Feature Function

- 3.5" TFT LCD
- LED brightness adjustment
- 2X Zoom in and Mirror image
- AV out
- Snap shot and Video recording
- Long duty hour up to 4 hrs



Standard Accessories



Basic Cleaning Kit



8G SD Card



Video Cable



USB Cable

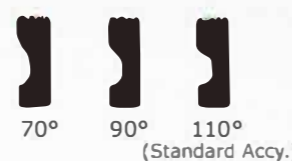


Charger

Series Accessories



70° 90° 110°
(Standard Accy.)
Φ 6 mm VGA Mirror
Only for Φ 6.0 mm 2 way articulation



70° 90° 110°
(Standard Accy.)
Φ 5.5 mm VGA Mirror
Only for Φ 5.5 mm VGA probe



70° 90° 110°
(Standard Accy.)
Φ 5.5 mm Mirror
Only for Φ 5.5 mm general probe



Application

- Architecture • Mechanical equipment • Generators • Electricity
- Automobiles • Aircrafts • Ships • Railways • Welding
- Manufacture • General equipment
- Gas petroleum, and chemicals
- Defense, security, and surveillance
- Exploration, education, and research and experiments.



Video Output

Recorded video & images can be displayed directly to a TV screen for large screen viewing. Support " PAL " / " NTSC " video system.



USB Connection

JF Series is capable to transfer captured images and view from PC. Support Windows 2000™ or later version. No specific software is required to playback the JPG and ASF files.



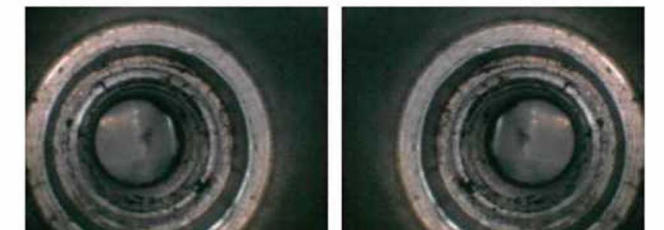
3.5" TFT LCD Display

Embedded with a 3.5" TFT LCD Monitor provides superior image quality photos for inspector to see.



Mirror Image

Support mirror image function on display.



2.0X Zoom - In

Support up to 2X Digital Zoom.



※ JFR = Semi-Rigid, JFS = Soft-Metal, JFVS = VGA probe, JFVS-5501= Φ5.5mm, JFVS-5501 = 1M, JFS-4901S = Dual-Cameras, JFS-60012 = 2 way articulation, JFVS-60014 = 360° articulation, JFVS-5501N = Near Focus, JGS2222M = Meter

| Item Model | Probe Category | Tip Diameter | Tube Length | Tube Material | Page |
|------------|-------------------------|--------------|-------------|----------------------|------------|
| JFR-3901 | General | Φ 3.9mm | 1 M | Semi-Rigid | P. 27 - 28 |
| JFR-3902 | General | Φ 3.9mm | 2 M | Semi-Rigid | P. 27 - 28 |
| JFR-3903 | General | Φ 3.9mm | 3 M | Semi-Rigid | P. 27 - 28 |
| JFR-5501 | General | Φ 5.5mm | 1 M | Semi-Rigid | P. 27 - 28 |
| JFR-5502 | General | Φ 5.5mm | 2 M | Semi-Rigid | P. 27 - 28 |
| JFR-5503 | General | Φ 5.5mm | 3 M | Semi-Rigid | P. 27 - 28 |
| JFR-8501 | General | Φ 8.5mm | 1 M | Semi-Rigid | P. 27 - 28 |
| JFR-8502 | General | Φ 8.5mm | 2 M | Semi-Rigid | P. 27 - 28 |
| JFR-8503 | General | Φ 8.5mm | 3 M | Semi-Rigid | P. 27 - 28 |
| JFS-5501 | General | Φ 5.5mm | 1 M | Soft-Metal | P. 27 - 28 |
| JFS-5502 | General | Φ 5.5mm | 2 M | Soft-Metal | P. 27 - 28 |
| JFS-5503 | General | Φ 5.5mm | 3 M | Soft-Metal | P. 27 - 28 |
| JFS-5505 | General | Φ 5.5mm | 5 M | Soft-Metal | P. 27 - 28 |
| JFS-5510 | General | Φ 5.5mm | 10 M | Soft-Metal | P. 27 - 28 |
| JFS-5520 | General | Φ 5.5mm | 20 M | Soft-Metal | P. 27 - 28 |
| JFS-5530 | General | Φ 5.5mm | 30 M | Soft-Metal | P. 27 - 28 |
| JFR-4901S | Dual-Camera | Φ 4.9mm | 1 M | Semi-Rigid | P. 29 |
| JFR-4902S | Dual-Camera | Φ 4.9mm | 2 M | Semi-Rigid | P. 29 |
| JFR-4903S | Dual-Camera | Φ 4.9mm | 3 M | Semi-Rigid | P. 29 |
| JFS-60012 | 2 Way Articulation | Φ 6.0mm | 1 M | Soft-Metal | P. 30 |
| JFS-60022 | 2 Way Articulation | Φ 6.0mm | 2 M | Soft-Metal | P. 30 |
| JFS-60032 | 2 Way Articulation | Φ 6.0mm | 3 M | Soft-Metal | P. 30 |
| JFVS-60012 | VGA, 2 Way Articulation | Φ 6.0mm | 1 M | Soft-Metal | P. 31 - 34 |
| JFVS-60022 | VGA, 2 Way Articulation | Φ 6.0mm | 2 M | Soft-Metal | P. 31 - 34 |
| JFVS-60032 | VGA, 2 Way Articulation | Φ 6.0mm | 3 M | Soft-Metal | P. 31 - 34 |
| JFVS-5501 | VGA General | Φ 5.5mm | 1 M | Soft-Metal | P. 31 - 34 |
| JFVS-5502 | VGA General | Φ 5.5mm | 2 M | Soft-Metal | P. 31 - 34 |
| JFVS-5503 | VGA General | Φ 5.5mm | 3 M | Soft-Metal | P. 31 - 34 |
| JFVS-5505 | VGA, General | Φ 5.5mm | 5 M | Soft-Metal | P. 31 - 34 |
| JFVR-5501 | VGA, General | Φ 5.5mm | 1 M | Semi-Rigid | P. 31 - 34 |
| JFVR-5503 | VGA, General | Φ 5.5mm | 3 M | Semi-Rigid | P. 31 - 34 |
| JFVR-5501N | VGA, Near Focus | Φ 5.5mm | 1 M | Semi-Rigid | P. 31 - 34 |
| JFVS-5501N | VGA, Near Focus | Φ 5.5mm | 2 M | Soft-Metal | P. 31 - 34 |
| JFVS-5503N | VGA, Near Focus | Φ 5.5mm | 3 M | Soft-Metal | P. 31 - 34 |
| JFVS-60014 | VGA, 360° Articulation | Φ 6.0mm | 1 M | Soft Stainless steel | P. 35 - 36 |
| JFVS-60034 | VGA, 360° Articulation | Φ 6.0mm | 3 M | Soft Stainless steel | P. 35 - 36 |
| JFVS-60011 | VGA, 1 Way Short Tip | Φ 6.0mm | 1 M | Soft Stainless steel | P. 37 - 38 |
| JFVS-45022 | VGA, 2 Way Short Tip | Φ 4.5mm | 1.5 M | Soft Stainless steel | P. 37 - 38 |
| JFVS-45032 | VGA, 2 Way Short Tip | Φ 4.5mm | 3 M | Soft Stainless steel | P. 37 - 38 |
| JGS-2222M | Pipe Inspection, Meter | Φ 22.0mm | 22 M | Hard Soft-Metal | P. 39 - 42 |
| JGS-2805 | Pipe Inspection | Φ 28.0mm | 5 M | Hard Soft-Metal | P. 39 - 42 |
| JGS-2810 | Pipe Inspection | Φ 28.0mm | 10 M | Hard Soft-Metal | P. 39 - 42 |
| JGS-2830M | Pipe Inspection, Meter | Φ 28.0mm | 30 M | Hard Soft-Metal | P. 39 - 42 |



| Main Console System (Display) | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display | 3.5" TFT LCD QGVA |
| Power | Battery rechargeable Li-Polymer battery 3 Power supply AC100-240V 50-60Hz Power consumption DC5.5 1.8A |
| Interface | USB.2.0 / AVOut |
| Video out Format | NTSC & PAL |
| Storage | 8 GB SD card |
| Compression Format | MPEG4 |
| Image Storage Format | JPEG (640 * 480) |
| Video Recording Format | AVI (320 * 240) |
| Frame Rate | ~30 fps |
| S/N Rate | 42dB or more |
| Exposure | Automatic |
| White Balance | Fix |
| Working temperature | 0°C ~ 60 °C |
| Storage temperature | 0°C ~ 60 °C |
| Languages | 27 Languages: English / French / German / Italian / Spanish / Portuguese / Japanese / Traditional Chinese / Simplified Chinese / Danish / Dutch / Polish / Russian / Bulgarian / Turkish / Swedish / Finnish / Norwegian / Estonian / Lithuanian / Latvian / Hungarian / Czech / Slovak / Slovenian / Romanian / Greek |
| Dimension | 117.5 * 207 * 37mm |
| Weight | 0.395kg (0.87 lb) |

Insertion Probe Options

| Probe | Probe Diameter | Material | Detail |
|----------------------------|------------------------------------------|------------------------------|------------|
| General Probe | Φ 3.9 mm / Φ 5.5 mm / Φ 8.5 mm | Soft-Metal / Semi-Rigid | P. 27 -28 |
| Dual-Camera Probe | Φ 4.9 mm | Semi-Rigid | P. 29 |
| 2 Way Articulation | Φ 6.0 mm | Soft-Metal | P. 30 |
| VGA 2 Way Articulation | Φ 6.0 mm | Soft-Metal | P. 31 - 34 |
| VGA Probe | Φ 5.5 mm | Soft-Metal / Semi-Rigid | P. 31 - 34 |
| VGA Near Focus Probe | Φ 5.5 mm | Soft-Metal / Semi-Rigid | P. 31 - 34 |
| VGA 360° Articulation | Φ 6.0 mm | Stainless steel (soft-metal) | P. 35 - 36 |
| VGA Short Tip Articulation | Φ 4.5 mm / Φ 6.0 mm | Stainless steel (soft-metal) | P. 37 - 38 |
| Pipe Inspection Probe | Φ 6.0 mm, Φ 22 / Φ 28 mm (camera head) | Hard Soft-Metal | P. 39 - 42 |



Φ 3.9 mm Probe
Front view / Side view
(Semi-rigid)
1m / 2m / 3m

Φ 5.5 mm Probe
(Semi-Rigid)
1m / 2m / 3m

Φ 5.5 mm Probe
Front view / Side view
(Soft-Metal)
1m / 2m / 3m / 5m / 10m / 20m / 30m

Φ 8.5 mm Probe
(Semi-Rigid)
1m / 2m / 3m



3.9 mm Extremely Small

It's the smallest diameter Insert Probe on the market, only Ø3.9mm.



3.9 mm



Other diameter

Front / Side View optional

You can select the corresponding camera in accordance with the circumstances you need.
Only for Ø3.9mm, Ø5.5mm



90° Side View



Front View



JF Series



JK Series



JM Series



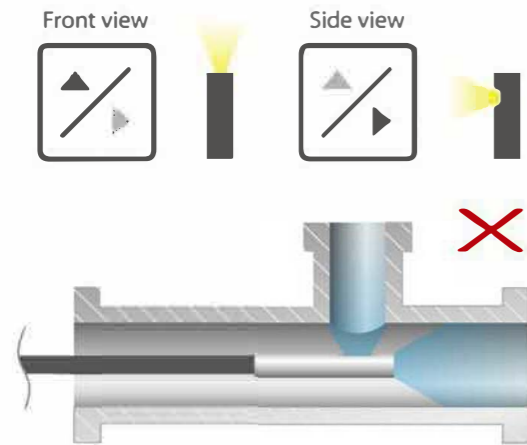
JL Series

| Insertion tube & Camera System | | | |
|-----------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|-----------------|
| Diameter | Φ 3.9 mm <small>Extremely small</small> | Φ 5.5 mm | Φ 8.5 mm |
| Material | Semi-Rigid (SR) | Soft-Metal (SM) Semi-Rigid (SR) | Semi-Rigid (SR) |
| Type of Camera | Front / Side view | SM : Front / Side view SR : Side view | Front view |
| Length | 1m / 2m / 3m | SM : 1m / 2m / 3m / 5m 10m / 20m / 30m SR : 1m / 2m / 3m | 1m / 2m / 3m |
| Light Source | Front view: White LED * 3 Side view: White LED * 2 | Front / Side view White LED * 4 | White LED * 6 |
| F.O.V | 57° | | |
| D.O.F | 1 ~ 6 cm | | |
| Frame Rate | ~ 30 fps | | |
| Exposure | Automatic | | |
| White Balance | Fixed | | |
| Resolution Pixels (Dynamic / Static) | QVGA (320 * 240) | | |
| Image Sensor | CMOS Image Sensor | | |
| Main Console | JF Series, JK Series, JM Series, JL Series | | |

SM = Soft-Metal, SR = Semi-Rigid

Dual - Camera

One Click Switch



Forward View / Side View One-click Switch



0° Frontward view



90° Side view



JF Series



JK Series



JM Series



JL Series



Dual Cameras Probe (Semi - Rigid)

1m / 2m / 3m

Insertion tube & Camera System

| | |
|---------------------|--------------------------------------------------------------------------------------|
| Diameter | Ø 4.9 mm |
| Type of Camera | Dual Cameras (Front & Side view) |
| Camera Resolution | 320 * 240 |
| Head Length | 28 mm |
| Head Material | Stainless steel |
| Connector | Metal |
| Light Indicate | Green light (forward view), Red light (side view) |
| Light Source | Forward: 140-224 mcd*2 LED Side: 210-330 mcd*1 |
| Length | 1m / 2m / 3m |
| Material | Semi-Rigid |
| F.O.V | Horizontal field angle 45.2° Vertical field angle 34° Diagonal field angle 56° |
| D.O.F | 1 ~ 6cm |
| Working Temperature | 0°C ~ 55°C |
| Waterproof | IP67 |
| Main Console | JF Series, JK Series, JM Series, JL Series |

2 Way Articulation



2 Way Articulation Wireless Probe (Front View / Side View)

1m / 2m / 3m

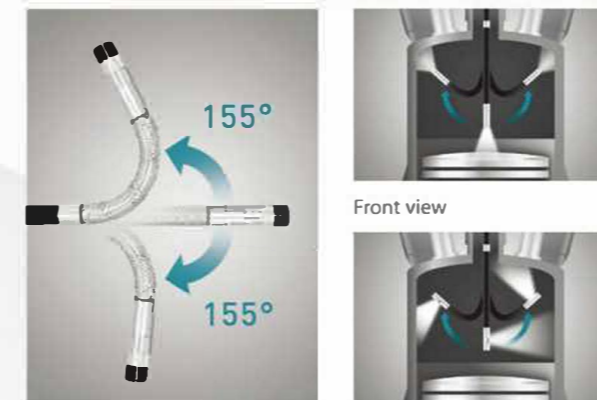


2 Way Articulation (Front View / Side View)

1m / 2m / 3m

2 WAY ARTICULATION

2 way articulation probe helping to check angles that hardly to be checked (over 300° of view). Front view and Side view optional.



Left / Right 155°

Side view



JM Series



JK Series



JF Series

Insertion tube & Camera System

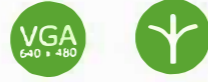
| | 2 Way Articulation Wireless Probe | 2 Way Articulation Probe |
|---------------------|--------------------------------------------------------------------------------------|--------------------------------------------|
| Type of Probe | Wireless | Wired |
| Type of Camera | Front view / Side view | |
| Diameter | Ø 6 mm | |
| Resolution | 325(H)* 250(V) | |
| Head Material | Stainless steel | |
| Light Source | White LED | |
| Length | 1m / 2m / 3m | |
| F.O.V | Horizontal field angle 45.2° Vertical field angle 34° Diagonal field angle 56° | |
| D.O.F | 1 ~ 6 cm | |
| Material | Soft-Metal | |
| Working Temperature | 0°C ~ 60°C | |
| Articulation Angle | Left: 155° / Right: 155° | |
| Articulation Radius | Front View: 48 +/-1mm / Side View: 60 +/-1mm | |
| Waterproof | IP67 | |
| Dimension | 139.3 * 34.9 * 31.8mm | |
| Weight | 1m-260g / 2m-340g / 3m-420g | 1m-370g / 2m-450g / 3m-530g |
| Battery | Rechargeable Li-Polymer battery 3.7V | None |
| Lightness Control | Variable | None |
| Main Console | JM Series | JF Series, JK Series, JM Series, JL Series |

2 Way Articulation Probe



2 Way Articulation Wireless Probe (VGA)

1m / 2m / 3m

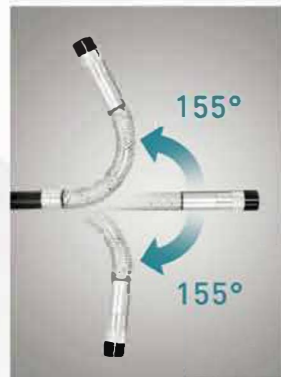


2 Way Articulation Probe (VGA)

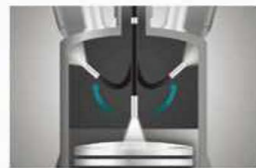
1m / 2m / 3m

2 WAY ARTICULATION

2 way articulation probe helping to check angles that hardly to be checked (over 300° of view).



Left / Right 155°



Front view



JF Series



JK Series



JM Series

| Insertion tube & Camera System | | |
|--------------------------------|----------------------------------------|---------------------------------|
| | 2 Way Articulation Wireless Probe(VGA) | 2 Way Articulation Probe(VGA) |
| Type of Probe | Wireless | Wired |
| Type of Camera | Front view | |
| Diameter | Φ 6 mm | |
| Resolution | VGA (640 * 480) | |
| Head Material | Stainless steel | |
| Light Source | White LED. 224mcd * 3 LED | |
| Length | 1m / 2m / 3m | |
| F.O.V. | 87.1 degree (Diagonal) | |
| D.O.F. | 1 ~ 10 cm | |
| Material | Soft-Metal | |
| Working Temperature | -20 ~ 65 °C | |
| Articulation Angle | Left: 155° / Right: 155° | |
| Articulation Radius | 50mm+ / -5mm | |
| Waterproof | IP67 | |
| Dimension | 139.3 * 34.9 * 31.8mm | |
| Weight | 220g | |
| Battery | Rechargeable Li-Polymer battery 3.7V | None |
| Lightness Control | Variable | None |
| Main Console | JM Series | JF Series, JK Series, JM Series |

Basic / Near Focus



Φ 5.5 mm VGA Probe (Soft-Metal / Semi-Rigid)

SM : 1m / 2m / 3m / 5m

SR : 1m / 3m

| Insertion tube & Camera System | |
|--------------------------------|----------------------------------------|
| Diameter | Φ 5.5 mm |
| Camera Head Length | 20mm |
| Material | Soft-Metal (SM) / Semi-Rigid (SR) |
| Length | SM : 1m / 2m / 3m / 5m SR : 1m / 3m |
| Head Material | Stainless steel |
| Resolution | VGA (640 x 480) |
| Light Source | White LED. 224mcd * 4 LED |
| D.O.F. | 1 ~ 6cm |
| F.O.V. | 60.7 degree (Diagonal) |
| Working Temperature | -20°C ~ 65°C |
| Waterproof | IP67 |
| Video Out Format | NTSC |
| Main Console | JF Series, JK Series, JM Series |

MATERIAL OF PROBE

Soft-Metal: Soft bendable and resilient.
Semi-Rigid: Bendable and can be in fixed position.

Soft-Metal

Semi-Rigid



Φ 5.5 mm VGA Near Focus Probe (Soft-Metal / Semi-Rigid)

SM : 1m / 3m

SR : 1m

Near Focus

Near Focus / Short Focus Probe is suitable for a narrow working environment (e.g., gun barrel, tiny tube) or inspectors who would like to scrutinize a specific part in a short distance. You can obtain more detail image by this probe than observe by a normal focus probe.




| Insertion tube & Camera System | |
|--------------------------------|---------------------------------------|
| Diameter | Ø 5.5 mm |
| Camera Head Length | 20 mm |
| Material | Soft-Metal (SM) / Semi-Rigid (SR) |
| Length | SM : 1m / 3m SR : 1m |
| Head Material | Stainless steel |
| Resolution | VGA (640 x 480) |
| Light Source | White LED. 224mcd * 4 LED |
| D.O.F. | 6 ~ 16mm (0.6cm ~ 1.6 cm) |
| F.O.V. | 60.7 degree (Diagonal) |
| Working Temperature | -20°C ~ 65°C |
| Waterproof | IP67 |
| Video Out Format | NTSC |
| Main Console | JF Series, JK Series, JM Series |



Hyperion® Function

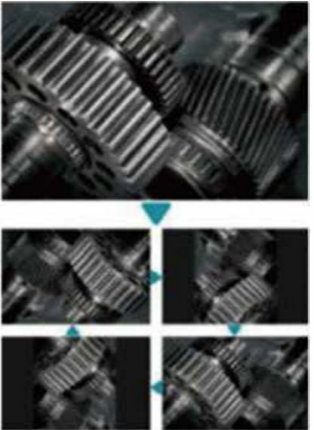
Hyperion, can further enhance the articulation probe with:

- Clearer images on monitor (640 x 480 resolution)
- Brighter images in low-light conditions
- Anti-reflection and particle-free view on metal or mirror surface
- 90° view rotations during inspection


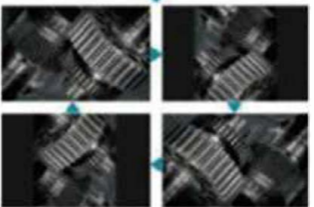



BRIGHTER IMAGE
Light enhancement under low - light condition.






ROTATION IMAGE
Four 90° view rotation to identify codes.





ANTI-REFLECTION
Reduce reflection on metal or mirror surface.



PARTICLE-FREE
To eliminate the dust on the mirror without wipe.

VGA Series Probe





VGA
640 x 480

360°

360° Articulation Probe (VGA)

1m / 3m (Standard)
5m / 7m (Customized)

Outer braided stainless steel

New stainless steel insertion probe is more durable and antifriction than previous design.



JF Series



JK Series

360° FULL WAY ARTICULATION

Thumb-driven joy stick provides full articulation control, 360 degrees camera articulation with the on-board image and video capture capability. The mechanized joystick uses the operator input to directly control camera articulation.

The result is smooth and accurate control of the articulating tip, with immediate response to joystick inputs.

360° articulation provide flexibilities in narrow space inspection. High density stainless steel braided tube provide durability, flexibility and also rusty, water and temperature resistant.

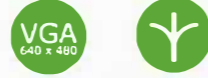


| Insertion tube & Camera System | |
|--------------------------------|----------------------------------------------|
| Type of Probe | 360° Articulation |
| Diameter | Ø 6.0 mm |
| Head Length | 24 mm |
| Resolution | VGA 640(H) x 480(V) |
| Head Material | Stainless steel |
| Light Source | Front (White LED * 3) / Side (White LED * 2) |
| Length | 1 m / 3m 5 m / 7m (Customized) |
| F.O.V | 87° |
| D.O.F | 1 cm ~ 10 cm |
| Material | Outer braided Stainless steel |
| Working Temperature | -10°C ~ 60°C |
| Articulation Angle | Full ways ≥ 110° Full ways ≥ 80° |
| Angle Mirror | Available |
| Available Main Console | JK Series, JF Series |



1 Way Short Articulation Probe (VGA)

1m only



2 Way Short Articulation Probe (VGA)

1.5m / 3m

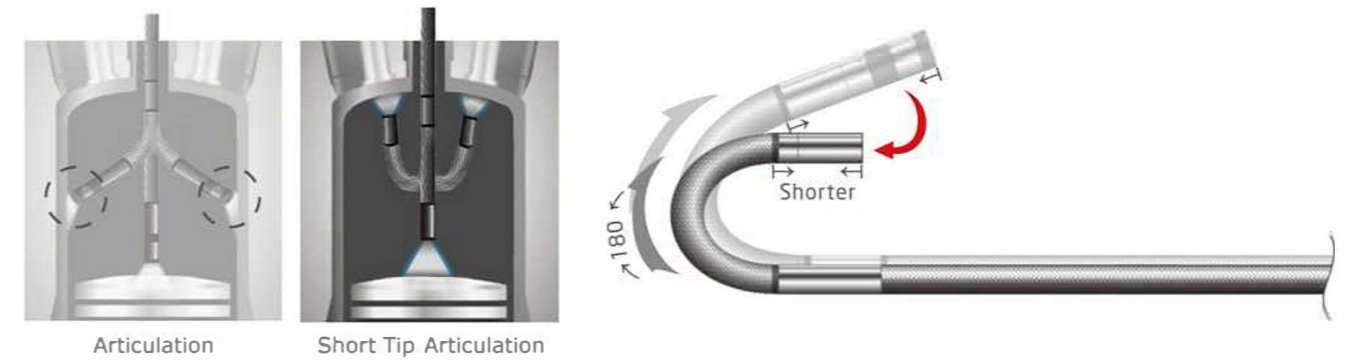
NEW MATERIAL OF PROBE

New stainless steel insertion probe is more durable and antifriction than previous design.



SHORT TIP ARTICULATION

Shorter tip and articulation can easily swing in the narrow environment. Easy and handy inspection by new super wide tip swing angle (180 degree).



| Insertion tube & Camera System | | |
|--------------------------------|-------------------------------|--------------------------|
| Type of Probe | 1 way short articulation | 2 way short articulation |
| Diameter | Ø 6.0 mm | Ø 4.5 mm |
| Head Length | 10.0 mm | 13.0 mm |
| Resolution | VGA 640(H) x 480(V) | |
| Head Material | Stainless steel | |
| Light Source | 5 x white LEDs | |
| Length | 1 m | 1.5 m / 3 m |
| F.QV | 87° | 90° |
| D.O.F | 1 cm ~ 6 cm | 1 cm ~ 10 cm |
| Material | Outer braided Stainless steel | |
| Working Temperature | -10°C ~ 60°C | |
| Articulation Angle | Right 180° | Right / Left 180° |
| Waterproof | | |
| Available Main Console | JK Series, JF Series | |



JF Series



JK Series

Pipe Inspection Probe



Φ 22 mm / Φ 28 mm
22 m / 30 m

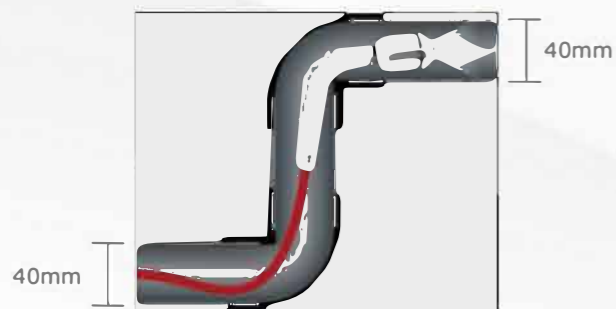
Rock solid reel stand not only improves the image quality, but also provides the convenience and flexibility for your pipe inspection.

- 10mm
DEPTH OF FIELD (28mm TIP)
- 150°
FIELD OF VIEW (28 mm TIP)
- PASS THROUGH TWO 90° ELBOW BENDS
- IP 68 (CAMERA HEAD)
- IP 65 (REEL)



Φ 28 mm
5 m / 10 m
(JF only)

Pass through two 90° elbow bends



Recommended Combinations



JF Series



JK Series

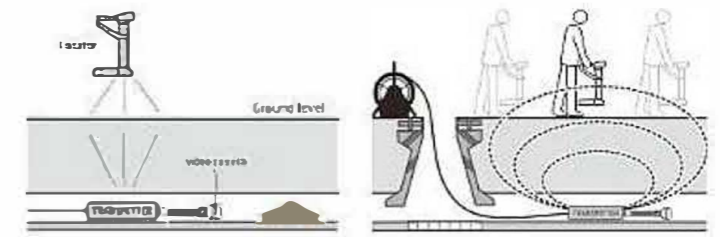
Camera Head

- Interchangeable Camera Head • IP 68 Waterproof
- Bright & Clear Image • 640*480 Resolution • Stainless Steel
- 8 High Brightness LED (3000 lux)



Wireless Detection

Locator & transmitter can detect camera position to know where the camera is.



Optional Accessories



Centering Metal Ring Φ50mm

Centering Brush Φ150mm
(standard: Φ100mm)

Orbit Glider Φ150mm ~ Φ300mm

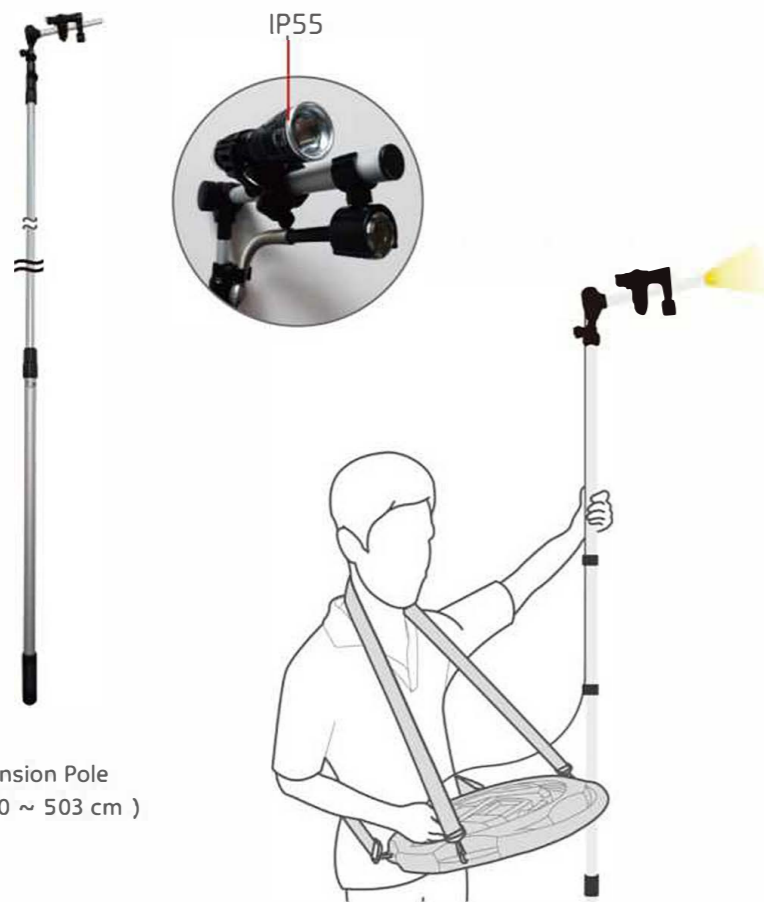
Locator & Transmitter
(Only for Φ28mm Length 30m)

| Locator | |
|---------------------|--------------------------------------|
| Diameter | L: 293.5mm W: 144mm H: 486.5mm |
| Weight | 2kg |
| Power Source | 3.7V / 200mA Li battery |
| Power Consumption | 282mA |
| Battery Charge | 3 ~ 4 hours |
| Power Cycle | 6 ~ 7 hours |
| Power Adaptor | 5.5V, 1.8A |
| Working Temperature | -10° ~ 60° |
| Storage Temperature | -20° ~ 80° |
| Drop Resistance | 60cm |
| Waterproof | IP55 |
| Available | Φ 28mm Length 22m Only |

Optional Accessories

Extension Pole

No climbing and no ladder. Ideal for easy accessing ceiling, air-condition duct, bridge, tunnel, sewwe...facilities.

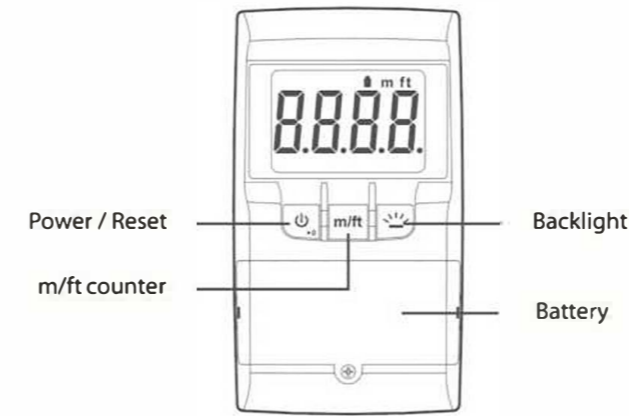
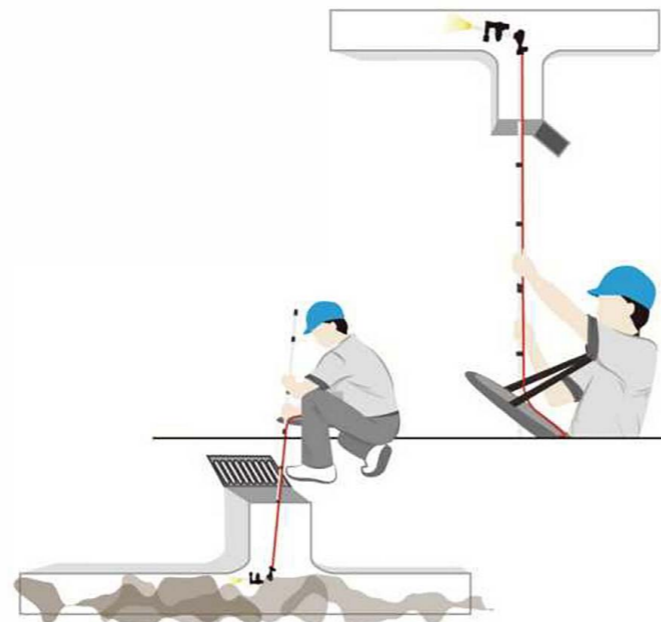


Usage scenarios

Extension Pole
(120 ~ 503 cm)

- Highly convenient for operation in heavy duty
- Up to 5m inspection

| Extension Pole | |
|--------------------|------------------------------------|
| Length | 120 ~ 503 cm (main pole only) |
| Weight | 1275g (w/o flashlight) |
| Probe Holding Pole | Angle adjustable |
| Flashlight | IP 55 |



| Meter | |
|----------------|--------------------------------------------|
| Screen display | LCD |
| Switches | Power / Reset m/ft counter Backlight |
| Dimension | 62 x 110 x 24mm |
| Meter counts | Forward / Rewind |
| Display digits | 3 (1 decimal place) |
| Meter display | m/ft |
| Deviation | ± 0.4m(±1.3ft) |
| Waterproof | IP 55 |
| Power source | 2 x AAA (DC 3V) |
| Power capacity | ≥ 90hrs |

| Insertion tube & Camera System | | |
|--------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------|
| Camera Diameter | Φ 22 mm | Φ 28 mm |
| Pipe Diameter | Φ 6 mm | |
| Camera Length | 25mm | 24.3mm |
| Applicable Pipe | Φ40mm-70mm | Φ50mm-100mm |
| Goose neck | 27cm | |
| Pipe Length | 22m | 5m / 10m / 30m optional |
| Interchangeable Head | NO | YES ,(non 5m / 10m) |
| Meter | YES | YES ,(non 5m / 10m) |
| Resolution | 640 * 480 | |
| Camera Material | Stainless Steel | |
| D.O.F | 30mm - 100mm | 10mm - ∞ |
| F.O.V | 62.5°(Diagonal) | 150.8°(Diagonal) |
| Illumination | High Brightness 8 White Led (3000 lux) | |
| Waterproof | Probe-IP68 , Reel-IP65 | |
| Working Temperature | -10°C~60°C | |
| Operating Hour | 3 Hours | |
| Material | Fiber Glass | |
| Flexibility | Continuously 90° sharp turn in Φ40mm / Φ50mm Water Pipe | |
| Whole Reel Diameter | 30cm | |
| Main Console | JF Series, JK Series, JM Series, JL Series | JF Series, JK Series, JM Series, JL Series Length: 5m/10m JF Series Only |

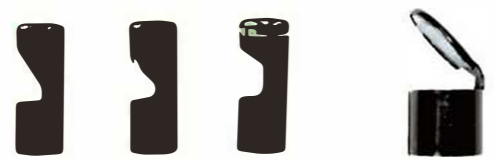
Accessories

Side Mirror

The cap mirror allows lateral side view during inspection.

J_ Series

DIAMETER OF PROBE
 Ø 5.5mm, Ø 6.0mm, Ø 8.0mm



Ø 5.5mm / Ø 6.0mm



Ø 8.0mm



70° 90° 110°

P_ Series

DIAMETER OF PROBE
 Ø 3.9mm, Ø 5.5mm, Ø 8.0mm, Ø 10mm



35° view (= 70° viewing angle)
 45° view (= 90° viewing angle)
 55° view (= 110° viewing angle)

Extender

An extender helps straighten the probe to inspect areas lower or higher than eye level.

(Ideal for 2way articulation probe)

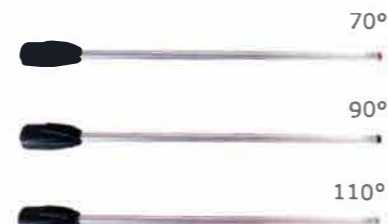


DIAMETER OF PROBE LENGTH
 Ø 6.0mm 540mm / 990mm



Rotating Mirror

[For 3.9mm probe front view only]
 The rotating mirror allows 360° side-view rotation during inspection.

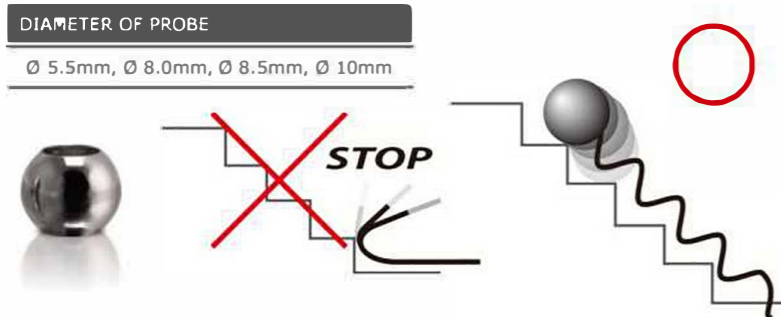


DIAMETER OF PROBE
 Ø 3.9mm

Guide / Climbing Balls

Guide ball helps the probe to turn smoothly in the edge or angle. It also helps to climb up if facing multiple edges.

DIAMETER OF PROBE
 Ø 5.5mm, Ø 8.0mm, Ø 8.5mm, Ø 10mm



Magnet & Hook

Patented retriever that helps remove small items in narrow space.

DIAMETER OF PROBE
 Ø 3.9mm, Ø 5.5mm, Ø 8.0mm
 Ø 8.5mm, Ø 10mm



Carrier Bag

Sunshade, Protection and Easy Carry.



JF Series



JM Series

Main Console System

JF Series, JM Series

Measure Software

Inspection Management Software is designed for image viewing, distance measuring, and image comparison. It helps inspectors to verify measurement after leaving the inspection site.

J_ Series

DIAMETER OF PROBE
 Ø 5.5mm, Ø 6.0mm



P_ Series

DIAMETER OF PROBE
 Ø 3.9mm, Ø 5.5mm(VGA)
 Ø 8.0mm, Ø 10mm



Protection Corn

Available in 25mm, 28mm OD probe. (non Pipe Inspection Probe).



Ø 25mm, Ø 28mm

DIAMETER OF PROBE
 Ø 25mm, Ø 28mm

Lens Cover

Available in 25mm, 28mm OD probe. (non Pipe Inspection Probe).



Ø 25mm, Ø 28mm

DIAMETER OF PROBE
 Ø 25mm, Ø 28mm

Storage Roller

Easy use, easy storage (Designed for Long probe).



PROBE LENGTH
 10m or more