



Professional
pipe & well inspection systems
Manufacturer

EGA.BY

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华普森®
Wopson

PIPE & WELL INSPECTION CAMERA

Professional manufacturing experience
Support ODM, OEM, Customized service



ShenZhen Wopson Electrical Co.,Ltd

Wopson Internation (HongKong) Co.,Ltd

COMPANY PROFILE

PROFILE



ShenZhen Wopson Electrical Co., Ltd was established in November 2010.
It is located in ShenZhen, China.
Wopson own CE, FCC, RoHS, REACH, UKCA, KC, UL ISO9001 etc certificates
and attend exhibitions like HKTDC, IFAT, RO-KA-TCH etc.

10 engineers with more than 15+ years experience, win 56+ patents. Independent
R&D, design, provide with customized service. At least 5 projects and 3 patents
per year, Wopson wins the national high-tech enterprise certification.

2010 | **56⁺**
Founded in Patents



► Certificates



► R&D Team



► Product Team

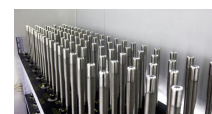


► QC Team

01 Raw materials inspection



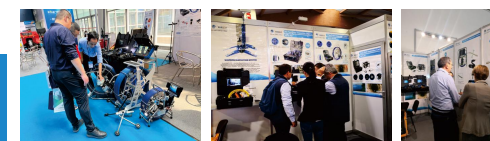
02 Semi-finished inspection



03 Finished product inspection



► Exhibitions and Visitors



Distributors Support

- HD promotional pictures and videos
- Customized brochure, poster
- Market protection
- Maintenance pictures and videos
- 12-month warranty, after-sales response
Swithin 48 hours
- Fast delivery



Logo upgrade



Language upgrade

Customized Products

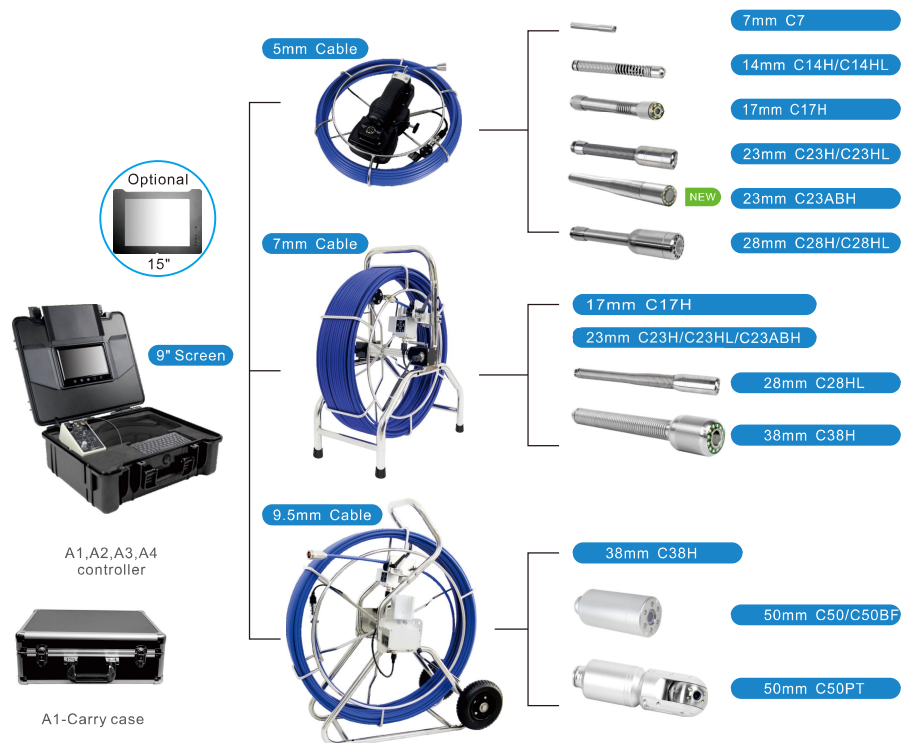


Side mirror for 23mm camera

Side view mirror and hook magnet for 6mm camera

▶▶ PIPE CAMERA (A SERIES)

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wopsen



Model	A1-C23H	A2-C23HL	A3-C38H	A4-C50PT
Camera size(mm)	23*134	23*134	38*232	50*170
Pixel	1280*720	1280*720	1280*720	720*576
Skid(mm)	40/80	40/80	75/100/150/220	110/150/220
Screen size(inch)	7"	9"	9"	9"
Cable length(m)	30/50	30/50	60/80	60/120
512Hz Transmitter	×	√	√	√
Self-leveling	×	×	√	×
Rotation	×	×	×	√
Video, Photo, Zoom	√	√	√	√
keyboard	×	√	√	√
Meter counter	×	√	√	√
Case size(mm)	477*390*180	511*430*200	511*430*200	511*430*200

▶▶ PIPE CAMERA (B SERIES)

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wopsen



Model	B1-C23H	B2-C23ABH	B3-C38H	B4-C50PT
Camera size(mm)	23*134	23*240	38*232	50*118
Pixel	1280*720	1280*720	1280*720	720*576
Skid(mm)	40/80	40/80	75/100/150/220	110/150/220
Screen size(inch)	7"	7"	7"	7"
Cable length(m)	30/40	30/40	60/80	60/120
512Hz Transmitter	×	√	√	√
Self-leveling	×	√	√	√
Rotation	×	×	×	×
Video, Photo, Zoom	√	√	√	√
keyboard	×	√	√	√
Meter counter	√	√	√	√
Case size(mm)	477*390*180	511*430*200	-	-

▶▶ PIPE CAMERA (HD SERIES)

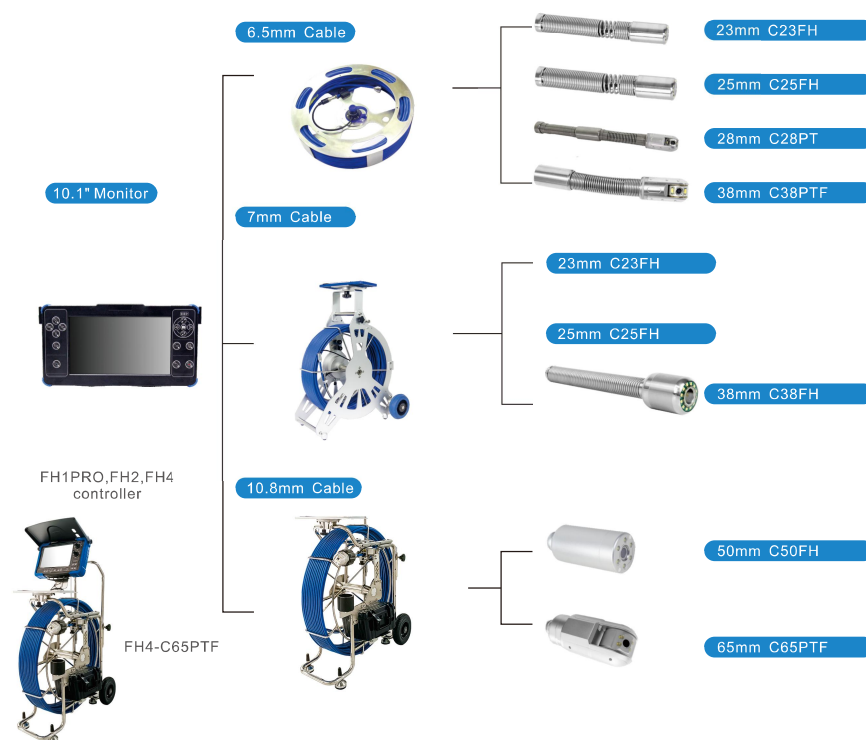
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Model	HD1PRO-C23ABH	HD3-C38H	HD4-C65H
Camera size(mm)	23*240	38*232	65*144
Pixel	1280*720	1280*720	1280*720
Skid(mm)	40/80	75/100/150/220	80/170-300
Screen size(inch)	10.1"	10.1"	10.1"
Cable length(m)	30/50	60/80	60/120
512Hz Transmitter	√	√	√
Self-leveling	√	√	×
Rotation	×	×	√
Video, Photo, Zoom	√	√	√
keyboard	√	√	√
Meter counter	√	√	√

▶▶ PIPE CAMERA (FH SERIES)

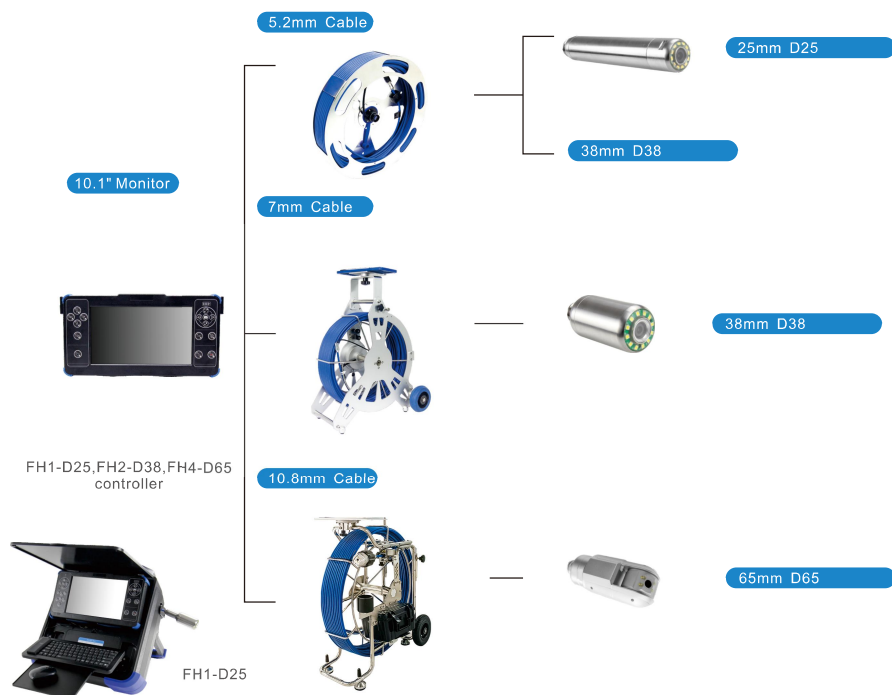
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Model	FH1PRO-C28PT	FH2-C38FH	FH4-C65PTF
Camera size(mm)	28*290	38*232	65*144
Pixel	1280*720	1920*1080	1920*1080
Skid(mm)	40/90	75/100/150/220	80/170-300
Screen size(inch)	10.1"	10.1"	10.1"
Cable length(m)	30	60/80	60/120
512Hz Transmitter	√	√	√
Self-leveling	×	√	×
Rotation	√	×	√
Video, Photo, Zoom	√	√	√
keyboard	√	√	√
Meter counter	√	√	√

▶ PIPE CAMERA(D SERIES)

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Model	FH1-D25	FH2-D38	FH4-D65
Camera size(mm)	25*159	38*91	65*174
Pixel	1920*1080	1920*1080	1920*1080
Skid(mm)	110-200	100/150/220	170-300
Screen size(inch)	10.1"	10.1"	10.1"
Cable length(m)	30/60	60/80	60/120
512Hz Transmitter	×	√	√
Self-leveling	×	√	×
Rotation	×	×	√
Video, Photo, Zoom	√	√	√
keyboard	√	√	√
Meter counter	√	√	√

HANDHELD PIPELINE DETECTION



Model: B1-C14H

Camera size Φ14mm	Cable Φ5mm	White LEDs 6pcs
Cable length 30m/40m	Screen size 7"	Built-in battery 7 hours
Pixel 1280*720	Counter Built-in	

Optional



Specification

Camera Head		Controller	
Material	Stainless steel	Screen	7 inch
Pixel	1280*720	Function	Video & Photo & Zoom
Waterproof	IP68	Video	AVI, 1280*720
Application	DN 20-50mm	Photo format	JPEG
Skid	30mm	Battery	4400mAh

Cable Wheel

Counter	Meter/feet switch
Material	Fiberglass
Length	30M(Max 40M)
Diameter	Φ5mm



HD PIPELINE DETECTION

720P
HD

Model:HD1PRO-C23ABH



Camera size	Cable	White LEDS
Φ23mm	Φ5mm	12pcs
Cable length	Screen size	Built-in battery
30m/50m	10.1"	>4 hours
Pixel	Counter	Text input
1280*720	Built-in	Keyboard

Optional



Specification

Camera Head	
Material	Stainless steel
Pixel	1280×720
Waterproof	IP68
Transmitter	512HZ
Function	Self-level
Application	DN 30-200mm
Skid	40/80mm

Controller	
Sreen	10.1 inch
Function	Video & Photo & Zoom
Video	AVI,1280×720
Photo format	JPEG
Storage	8GB SD card(Max 256G)
Battery	6000mAh,12V

Cable Wheel	
Counter	Meter/feet switch
Material	Fiberglass
Length	30M(Max 50M)
Diameter	Φ6.5mm



FH PIPELINE DETECTION

1080P
FULL HD

Model:FH1PRO-C28PT



Camera size	Cable	White LEDS
Φ28mm	Φ6.5mm	2pcs
Cable length	Screen size	Built-in battery
30m	10.1"	>4 hours
Pixel	Counter	Text input
1920*1080	Built-in	Keyboard

Optional

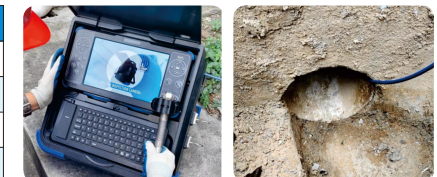


Specification

Camera Head	
Material	Stainless steel
Pixel	1920×1080
Waterproof	IP68
Transmitter	512HZ
Rotation	Pan 360 ° Tilt 180 °
Application	DN 30-200mm
Skid	40/90mm

Controller	
Sreen	10.1 inch
Function	Video & Photo & Zoom
Video	AVI,1920×1080
Photo format	JPEG
Storage	64GB SD card & USB Stick
Battery	6000mAh,12V

Cable Wheel	
Counter	Meter/feet switch
Material	Fiberglass
Length	30M
Diameter	Φ6.5mm



DIGITAL PIPELINE DETECTION



1080P
FULL HD



Model: FH2-D38

Camera size Φ38mm	Cable Φ7mm	White LEDS 12pcs
Cable length 60m/80m	Screen size 10.1"	Built-in battery >4 hours
Pixel 1920*1080	Counter Built-in	Text input Keyboard

Optional

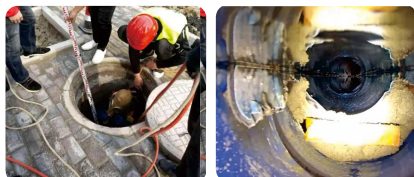


Specification

Camera Head	
Material	Stainless steel
Pixel	1920×1080
Waterproof	IP68
Transmitter	512HZ
Function	Self-level
Application	DN 60-300mm
Skid	75/100/150/220mm

Controller	
Sreen	10.1 inch
Function	Video & Photo & Zoom
Video	MP4,1920×1080
Photo format	JPEG
Storage	64GB SD card & USB Stick
Battery	6000mAh,12V
System	Android

Cable Wheel	
Counter	Meter/feet switch
Material	Fiberglass
Length	60M(Max 80M)
Diameter	Φ7mm



DIGITAL PIPELINE DETECTION



1080P
FULL HD



Model: FH4-D65H

Camera size Φ65mm	Cable Φ10.8mm	White LEDS 4pcs
Cable length 60m/120m	Screen size 10.1"	Text input Keyboard
Pixel 1920*1080	Counter Built-in	

Optional



Specification

Camera Head	
Material	Stainless steel
Pixel	1920×1080
Waterproof	IP68
Rotation	Pan 360 ° ;Tilt 180 °
Application	DN 80-900mm
Skid	80/170-300mm

Controller	
Sreen	10.1 inch
Function	Video & Photo & Zoom
Video	MP4,1920×1080
Photo format	JPEG
Storage	64GB SD card & USB Stick
System	WIN 10

Cable Wheel	
Counter	Meter/feet switch
Material	Fiberglass
Length	60M(Max 120M)
Diameter	Φ10.8mm



PIPELINE DETECTION



Model:B1-C22H

360 ° DUAL CAMERA

- Controller**
 - Screen 7 inch
 - Take picture and Video, Pixel 1280×720
 - Storage 8GB SD card, Max 256GB
 - Built-in microphone, support external headphones
 - 4000mAh Li-ion battery, Working time 7 hours
- Camera**
 - Size ϕ 23×80mm, Pixel 1280×720, Waterproof IP68
 - Skid ϕ 40mm, ϕ 80mm
 - Rotation pan 360°
 - 6PCS highlight LEDs (white), Sapphire glass
- Cable wheel**
 - Length 20M (Max 25M)
 - Material fiberglass
 - Diameter ϕ 7mm



360° Rotate



Model:A0-C23H

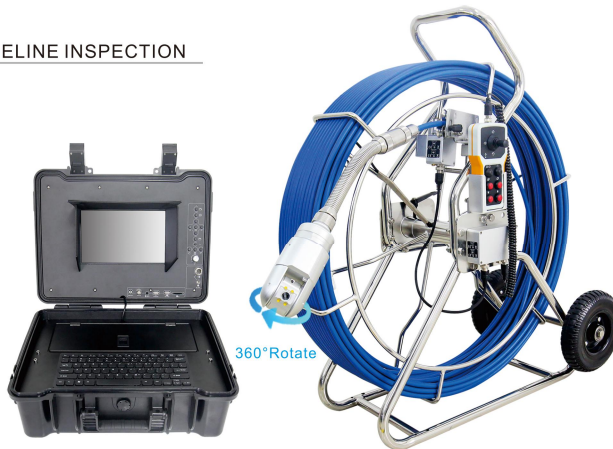
PIPELINE CAMERA

- Controller**
 - Screen 7 inch
 - Take picture and Video, Pixel 1280×720
 - Storage 8GB SD card, maximum support 256GB
 - Built-in microphone, support external headphones
 - 6000mAh Li-ion battery, Working time >4 hours
- Camera**
 - Size ϕ 23×125mm, Pixel 1280×720
 - Waterproof IP68
 - Skid ϕ 40mm, ϕ 80mm
 - 12 PCS highlight LEDs (White), Sapphire glass
- Cable wheel**
 - Length 20M
 - Material fiberglass
 - Diameter ϕ 5mm

Model:B5B-C65FH

LARGE PIPELINE INSPECTION

- Controller**
 - Screen 10.1/13/15 inch (Optional)
 - Take picture and Video, Pixel 1920×1080
 - Storage 64GB SD card & USB stick
 - Built-in microphone, support external headphones
 - 6000mAh Li-ion battery, Working time >4 hours
 - Support keyboard typing
- Camera**
 - Size ϕ 65×157mm, Pixel 1920×1080
 - Waterproof IP68
 - Pan 360° Tilt 180° Adjust focus >20mm
 - 4PCS highlight LEDs (white), Sapphire glass
 - Universal skid ϕ 80mm, ϕ 170-300mm
- Cable wheel**
 - Length 60/120M (standard)
 - Material fiberglass
 - Diameter ϕ 10.8mm



360° Rotate

PIPELINE DETECTION



Model: SJ-D32

DEEPWELL INSPECTION

- Controller**
 - Screen 10.1 inch, Android operating system.
 - Take picture and Video, Backreview function, Pixel 1920×1080
 - Storage 512GB hard drive.
 - Built-in microphone, support external headphones
 - 10000mAh Li-ion battery
 - Support keyboard typing
- Camera**
 - Size ϕ 32×210mm, Pixel 1920×1080
 - Waterproof IP68
 - Explosion-proof optical glass window
 - Lens dimming and tuning the focus
 - 10PCS highlight LEDs (white), Sapphire glass
- Cable wheel**
 - Length 100/200M (Custom made)
 - Material TPU
 - Diameter ϕ 8.2mm



Android



30bar waterproof



Focus adjustment



WIN10



50bar waterproof



Motor drive drum



Focus adjustment



Pan 360° ROTATION

Model: SJ-D70

DEEPWELL INSPECTION

- Controller**
 - Screen 10.1 inch, WIN 10 operating system
 - Take picture and Video, Pixel 1920×1080
 - Storage 512GB hard drive, 64GB Memory
 - Vertical automatic wire winding winch with counter
 - 10000mAh Li-ion battery
 - Support multi-language keyboard typing, HDMI interface & Network interface
- Camera**
 - Size ϕ 70×360mm, Pixel 1920×1080, Waterproof IP68
 - Explosion-proof optical glass window, stainless steel shell
 - Proof pressure 5 MPa, maximum pressure depth up to 500 m
 - Can be reset with one click, Pan 360°, Tilt 180° rotation, Focus adjustable
 - 12PCS highlight LEDs (white)
- Cable wheel**
 - Length 300/500M (Max 1000M)
 - Material TPU
 - Diameter ϕ 8.2mm
 - Motor drive

Application



TELESCOPE DETECTION



Model:L1-C23H

TELESCOPIC POLE PIPE INSPECTION

Controller

- Screen 4.3 inch
- Take picture and Video . Digital clock and digital calendar
- Storage 8GB SD card, maximum support 256GB
- Built-in microphone, support external headphones
- 4400mAh lithium battery, Working time >4 hours
- The function of customizing DVR startup logo

Camera

- Size $\phi 23 \times 510$ mm, Pixel 1280 $\times$ 720. Waterproof IP68
- Sensor 1/3 inch CMOS, Material Stainless Steel
- Skid $\phi 40$ mm, $\phi 80$ mm
- Focal length 70 $\sim\infty$
- 12PCS highlight LEDs (white). Sapphire glass

Pole

- Joint of telescopic rod 3 pieces
- Material Carbon fiber
- Ultra-light carbon pole. Total length 3.6M(Max 5.6M)



Model:L3-C23H

TELESCOPIC POLE PIPE INSPECTION

Controller

- Screen 7 inch
- Take picture and Video . Digital clock and digital calendar
- Storage 8GB TF card, maximum support 256GB
- Built-in microphone, support external headphones
- 10000mAh lithium battery
- Charging port Type-C 5V2A

Camera

- Size $\phi 23 \times 510$ mm, Pixel 1280 $\times$ 720. Waterproof IP68
- Sensor 1/3 inch CMOS, Material Stainless Steel
- Skid $\phi 40$ mm, $\phi 80$ mm
- Focal length 70 $\sim\infty$
- 12PCS highlight LEDs (white). Sapphire glass

Pole

- Joint of telescopic rod 3 pieces
- Material Carbon fiber
- Ultra-light carbon pole. Total length 3.6M(Max 5.6M)



Application



LOCATOR AND PROBE



Model:512R

RECEIVER

Function

- Frequency 512Hz
- Operating temperature -20 to + 50 °C
- Bare weight 0.81KG
- Control On-Off/Sensitivity, Near/Far toggle switch
- Output Signal strength meter, Speaker, Earphone, Battery indicator

Parameter

- Size 512 $\times$ 110 $\times$ 118mm
- Power source 6AAA alkaline
- Battery life 3-4 hours
- Range 5M



Model:512T1

TRANSMITTER

Function

- Frequency 512Hz
- Size $\phi 16 \times 45$ mm
- Battery Button battery 1.5V
- Battery life 3-4 hours
- Range 4.5M



Model:33K-T1

33K TRANSMITTER

Function

- Emission Frequency 32768Hz
- Waterproof IP68 1Bar
- Atmospheric pressure 700hPa $\sim$ 1060hPa
- Storage Temperature -20 $\sim$ 70 °C
- Operation Temperature -10 $\sim$ 50 °C
- Connecting screw hole M12 $\times$ 6

Parameter

- Size $\phi 20 \times 90$ mm
- Battery specification ER14250 3.6V/1200mAh(not offer)
- Weight 110g(including battery)
- Battery working time ≥ 70 min
- Operating current 10mA, Effective distance 10M

