

Shaanxi Granfoo Intelligent Technology Co., Ltd.

Special Borehole Inspection Camera System Solution Manufacturer

Shaanxi Granfoo Intelligent Technology Co., Ltd.



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Company Introduction

Shaanxi Granfoo Intelligent Technology Co., Ltd. is a High-tech intelligent enterprise. Specialized in designing, researching and development, manufacturing and exporting: underwater borehole inspection cameras, water well inspection cameras, oil well inspection cameras, etc. Our cameras are applied to underwater exploration, wells, oil well repair, the pipeline monitoring and maintenance, military facilities, underwater surveillance, recording and exploration of scientific research results, deep-sea salvage and oilfield operations and so on.

Our company was established in 2009, with 15 years experience. We have obtained CE, ISO, TUV and patent certificates, etc. We have an innovative R&D team and a group of high-quality talents, and cooperate with many domestic universities and research institutes. Our products have completely independent intellectual property rights and have been certified by many national authoritative departments. The application of these products covers underwater high-pressure, hightemperature, explosion-proof, high-speed, wireless video transmission and other environments, and is widely used in monitoring and measurement of petroleum, military research and development, underwater weapons testing, and reconnaissance, recording and exploration of underwater military facilities, results of scientific research, shipwreck salvage and oil field deep-sea operations, mining, marine, chemical industry, monitoring and maintenance of urban water supply networks and pipelines, competition arbitration, oil well restoration, underwater detection, reservoirs, dams, canals and other water conservancy facilities construction and monitoring, salvage, underground rescue and other industries. Successfully participated in large-scale projects such as PetroChina, CNOOC, Sinopec, Navy, China Ordnance Group, Shenhua Group, and Xinjiang University, etc. The products are exported to Europe, North America, South America, Australia, Russia, the Middle East countries, and other countries, and have gained a good brand reputation.

Our company adheres to the business philosophy of quality first and reputation first; insist on the double standard that market determines products and technology determines products; insist on the principle of user first. Our company has always adhered to the tenet of "integrity-based, quality and prosperity" and the management concept of "the vitality of an enterprise lies in adapting to the market, and the essence of enterprise management lies in constantly tapping the potential; the enterprise must wholeheartedly provide the society with excellent services, and promote the value-added capital, so as to benefit the human beings".

Company Industry Advantage
Special Borehole Inspection Camera System Solution Manufacturer

Partners







































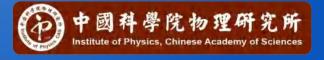
















中国科学院西安光学精密机械研究所





Single-Camera Borehole / Deep Well Inspection Camera System With 0 to 5000M Cables (Cable Type)

Model No.: GLF-UDC-D68C

Camera Size Φ68*1500mm Cable Dia Ф8.6mm

Temp & Depth Sensor Optional

Control Unit 13.5inch

Resolution 1920*1080 HD Buit-in Battery 6 hours

Specifications

Camera Head			
Camera Head Size	Dia 68mm x 1500mm		
Camera Sensor	1/2.8" Progressive Scan CMOS		
Angle of View	90°		
Working Depth	0-5000m		
Max Withstand Voltage	50Мра		
Working Temperature	-20°C ~ +150°C		
Weight	11.5kg		
Shell Material	17-4PH		
Power Supply	Battery short section power supply /		
	DC voltage 85-300V, current 1A		
Light Source	Self-contained light source		
Working Time	6-8H		
Video Compression	H.265+/H.265		
Resolution	HD		
Transmission	Φ8.6mm four-core armored cable		
Temp & Depth Sensor	Optional		

Control Unit			
Size	L388*W290*H150MM		
Operating Temp	-40°C to +60°C		
Resolution	1920*1080		
Power Supply	DC12OR USB5V		
Signal Source	Dual HDMI		
Display	13.5-inch IPS screen		
U disk storage	Support 256G		
Zoom	16 times		
Battery	Built-in 10000mA/h rechargeable battery		
Electric Winch			
Cable Length	5000M		
Cable Outer Diameter	Ф8.6mm		
Cable Material	Four-core armored cable		
Reel Size	1200mm*1200*700mm		
Motor Power	800 watts		
Others	Automatic wire function		











Dual-Camera Borehole / Deep Well Inspection Camera System With 0 to 3500M Cables (Cable Type)

Model No.: GLF-UDC-D55C

Camera Size

Cable Dia

Ф68*1500mm

Ф8.6mm

Temp & Depth Sensor

Control Unit

Optional

13.5inch

Resolution

Buit-in Battery 6 hours

Specifications

Camera Head			
Dia 55mm x 840mm			
1/2.9"IMX323 CMOS			
360-degree			
0-3500m			
35Мра			
-20°C ~ +80°C			
9.5kg			
17-4PH			
Battery short section power supply /			
DC voltage 85-300V, current 1A			
Self-contained light source			
4-6H			
H.265+/H.265			
HD			
Ф8.6mm four-core armored cable			
Optional			

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Control Unit			
Size	L388*W290*H150MM		
Operating Temp	-40°C to +60°C		
Resolution	1920*1080		
Power Supply	DC12OR USB5V		
Signal Source	Dual HDMI		
Display	13.5-inch IPS screen		
U Disk Storage	Support 256G		
Zoom	16 times		
Battery	Built-in 10000mA/h rechargeable battery		

Electric Winch	
Cable Length	3500M
Cable Outer Diameter	Ф8.6mm
Cable Material	Four-core armored cable
Reel Size	1200mm*1200*700mm
Motor Power	800 watts
Others	Automatic wire function











Single-camera Borehole / Deep Well Inspection Camera System With 0 to 3500M Cables (Self-Storage Type)

Model No.: GLF-UDC-D68S



Camera Size Φ68*1500mm Storage Card

128G

Temp & Depth Sensor

Control Unit

Buit-in Battery

Optional

13.5inch

Resolution

1920*1080

6 hours

Camera Head	
Camera Head Size	Dia 68mm x 1500mm
Camera Sensor	1/2.8" Progressive Scan CMOS
Angle of View	90°
Working Depth	0-5000m
Max Withstand Voltage	50Мра
Working Temperature	-20°C ~ +150°C
Weight	11.5kg
Shell Material	17-4PH
Power Supply	Battery short section power supply
Light Source	Self-contained light source
Working Time	6-8H
Video Compression	H.265+/H.265
Resolution	HD
Storage Card	128G
Temp & Depth Sensor	Optional

L388*W290*H150MM
-40°C to +60°C
1920*1080
DC12OR USB5V
Dual HDMI
13.5-inch IPS screen
Support 256G
16 times
Built-in 10000mA/h rechargeable battery
5000M
Ф8.6mm
Four-core armored cable
1200mm*1200*700mm
800 watts



Specifications





Others



Automatic wire function



Portable Borehole Dual View Inspection Camera System With 0 to 600m Cables



Model No.: GLF-UDC-V11SA

Camera Size

Cable Dia

Ф45*422mm

Φ8.5mm Kevlar

Direction

With Compass

Transmission

Coaxial HD

Sensor

Temp&depth Sensor

Focus

Manual Focus

Specifications

	Camera Head	
	Camera Head Size	Dia 45mm x 422mm
	Rotation	Pan 360°
	Camera Sensor	1/3 CMOS,1.3MP pixel HD
	Housing Material	Stainless steel camera housing
	Light	PC LED light cover
	Weight	2.4KG
	Lens	Lens window sapphire glass
	Side Camera	6pcs high light LED
	Down Camera	6pcs high light LED
ĺ	Wateproof	50bars
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Electric Winch	Electric Winch			
Winding Speed	0~20m/min cable speed adjustable			
Cable Speed	Adjustable			
Cable Dia	Φ8.5mm Kevlar cable			
Cable Length	100m-600m optional			
Power Supply	AC 110V to AC230V			
	On screen depth encoder			
Others	Automatic wire function			

DVR Control Unit	
Size	13" HD color display
Display Model	4:3
Resolution	1280x720
Battery	Built in 10500mA li-ion rechargeable battery
Keyboard	USB wireless keyboard to typewrite the words
Focus	Manual focus adjustable keys
Zoom	Digital zoom in/out keys
Power	AC110V-230V input port
Winch Operating Knob	Adjust speed, cable up and down, brake
Others	Built in WIFI transmitter
Others	On-screen depth encoder, temperature and direction







Portable AHD Borehole Dual View Inspection Camera System With 0 to 200m Cables

Model No.: GLF-UDC-V10SSN

Camera Size Φ45*422mm

Cable Dia Ф8тт

Cable Length 100m to 200m Transmission Coaxial HD

Control Unit 13"HD

Focus **Manual Focus**

Portable AHD Borehole PT Inspection Camera System With 0 to 200m Cables

Model No.: GLF-UDC-V8SN

Camera Size Ф50*154mm

Cable Dia

Ф8тт

Cable Length

Transmission

100m to 200m

Coaxial HD

Control Unit

13"HD

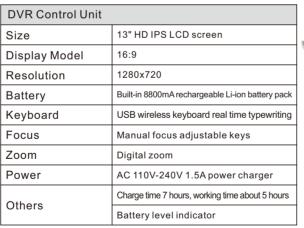
Focus

Manual Focus

Specifications

Camera Head			
Camera Head Size	Dia 45mm x 422mm		
Rotation	Pan 360°		
Camera Sensor	1/3 CMOS,1.3MP pixel HD		
Housing Material	Stainless steel camera housing		
Light	PC LED light cover		
Weight	2.4KG		
Side Camera	6pcs high light LED		
Down Camera	6pcs high light LED		
Wateproof	30bars		
	Horizontal:101°		
Lens Angle	Vertical:74.6°		
	Diagonal:131°		

Cable Reel	
Depth Counter	Cable reel with depth counter
Meter Counter	Handle reel with meter counter
Cable Dia	Dia.8mm flexible soft cable
Cable Length	100m-200m optional
Others	Updated digital meter counter, error rate less than 1%











Specifications

Camera Head		
Camera Head Size	Dia 50mm x 154mm	
View Range	120°	
Camera Sensor	1/3" CMOS ,1.3MP pixel	
Rotation	Pan 360°, tilt 180°	
Light	6pcs high light LED lighting adjustable	
Lens	Lens window sapphire glass	
Waterproof	IP68 up to 10 bar	
Others	PC LED cover, leakproofness better	
	Lens position automatic reset	
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Cable Reel	
Depth Counter	Cable reel with depth counter
Meter Counter	Handle reel with meter counter
Cable Dia	Dia.8mm flexible soft cable
Cable Length	100m-200m optional
Others	Updated digital meter counter, error rate less than 1%

DVR Control Unit	
Size	13" HD IPS LCD Screen
Display Model	16:9
Resolution	1280x720
Battery	Built-in 8800mA rechargeable Li-ion battery pack
Keyboard	USB wireless keyboard real time typewriting
Focus	Manual focus adjustable keys
Zoom	Digital zoom
Power	AC 110V-240V 1.5A power charger
Others	Charge time 8 hours, working time about 5 hours
	Battery level indicator







Other Pipe Cameras



50mm PT camera head Pan 360°, tilt 180° 13Inch control unit Manual focus function available Waterproof IP68 up to 10 bar Dia.9mm cable Digital meter counter function Cable length: 60~150m

50mm PT camera head Pan 360°, tilt 180° 13Inch control unit Manual focus function available Waterproof IP68 up to 10 bar Dia.7mm cable Digital meter counter function Cable length: 60m





50mm PT camera head Pan 360°, tilt 180° 8Inch control unit Manual focus function available Waterproof IP68 up to 10 bar Dia.9mm cable Digital meter counter function Cable length: 60~150m

50mm PT camera head Pan 360°, tilt 180° 8Inch control unit Manual focus function available Waterproof IP68 up to 10 bar Dia.7mm cable Digital meter counter function Cable length: 60m





45mm dual camera head
View range horizontal 101°
8Inch control unit
Manual focus function available
Waterproof IP68 up to 3 bar
Dia.9mm cable
Digital meter counter function
Cable length 60~150m

Customer Feedback Actual Photos













