

GMGA MEASURING

No. 33 Alley 99/120 Dinh Cong Ha, Dinh Cong Ward,

Hoang Mai District, 10000 Hanoi City, Vietnam

Telephone: <u>+84 845 969 336</u>

Email: info@gmga.vn Website: https://gmga.vn/







Key Features

- Ø17mm / 23mm can adapt to smaller diameter pipes.
- 9 inches color TFT LCD monitor with a sun-visor for outdoor inspections.
- 1000TVL high-definition resolution.
- waterproof IP68 #304 stainless steel tip camera.
- 12V 4500mAh li-battery surpports approximate 6hrs of continuous use.
- Ø4.8mm fiberglass probe, anti-corrosion/coiled/tensile.
- WiFi LIVE inspection with app.

9" TFT LCD Monitor

Upgrade 9"larger screen display more realistic and delicate. Monitor designed with a sunshade visor for clear viewing in outdoor inspections.

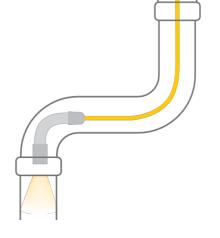




Smaller & Clearer Camera

Detachable camera head only 17mm / 23mm. Its can adapt to smaller pipelines and easy passed through 90° sharp curves.





High capacity 4500mAh Rechargeable Battery

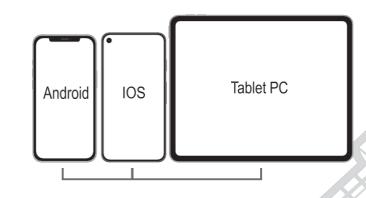
Battery capacity indicator founction, which can real-time display the remaining battery power.





Wireless Wi-Fi app connection

Support 3 smart devices viewing simultaneously.





Night Vision

With 12 pcs adjustable LEDs to illuminate the hard-to-reach inspection area,inspections will be seen more clearly in the dark environment.



Waterproof

The Drain Sewer Pipeline Industrial Endoscope System with waterproof IP68 #304 stainless steel camera can submerge into water freely.

Accessories



Specification

Series Number CJ9-17 Series CJ9-23 Series Display LCD Monitor 9 inches color TFT LCD monitor with a sun-visor Camera Diameter Ø 17mm Ø 23mm F.O.V. Wide angle field of view 140° D.O.F. Auto focus 2cm ~ 2meters Auto focus 3cm ~ 3 meters Resoultion 1000 TV Lines Illumination 6pcs White LED 12pcs White LED Cable Meterial Fiberglass Cable Length 20M ~ 100M Data Storage mage JPEG (640*480) Format Video AWI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Capacity 2V4AH, 4500 mAh Lithium-ion Battery Operating Time 6hrs ~ 8hrs (full charging) Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Working -20°C ~ 60°C Waterproof Camera & Cable water proof grade: P67 Wifi Connection 2.4GWi-Fi Connection. Support Android & IOS. Simultaneously Connecting Language English / French / German / Spanish / Japanese / Traditional Chinese SimplifiedChinese / Russian / Korean/ Polish/ Italian	_						
Resoultion 1280 x 720 (720P) Diameter Ø 17mm Ø 23mm F.O.V. Wide angle field of view 110° D.O.F. Auto focus 2cm ~ 2meters Auto focus 3cm ~ 3 meters Resoultion 1000 TV Lines Illumination 6pcs White LED 12pcs White LED Camera Head Interchangeable camera head 23mm &17mm switchable Eapth 20M ~ 100M Data Storage mage JPEG (640*480) Data Storage Tornat Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Capacity 2V4AH , 4500 mAh Lithium-ion Battery Dewer Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Working -20°C ~ 60°C Store -50°C ~ 60°C Waterproof Camera & Cable water proof grade: IP67 Wiff Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese	Series Number		CJ9-17 Series CJ9-23 Series				
Diameter Ø 17mm Ø 23mm	Display	LCD Monitor	9 inches color TFT LCD monitor with a sun-visor				
F.O.V. Wide angle field of view 110° D.O.F. Auto focus 2cm ~ 2meters Auto focus 3cm ~ 3 meters Resoultion 1000 TV Lines Illumination 6pcs White LED 12pcs White LED Camera Head Interchangeable camera head 23mm &17mm switchable Cable Meterial Fiberglass Cable Length 20M ~ 100M Data Storage mage JPEG (640*480) Format Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Operating Time 6hrs ~ 8hrs (full charging) Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Working -20°C ~ 60°C Store -50°C ~ 60°C Waterproof Camera & Cable water proof grade: IP67 Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese		Resoultion	1280 x 720 (720P)				
Camera D.O.F. Auto focus 2cm ~ 2meters Auto focus 3cm ~ 3 meters Resoultion 1000 TV Lines Illumination 6pcs White LED 12pcs White LED Camera Head Interchangeable camera head 23mm &17mm switchable Fiberglass Cable Length 20M ~ 100M Data Storage mage JPEG (640*480) Format Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Capacity 2V4AH, 4500 mAh Lithium-ion Battery Operating Time 6hrs ~ 8hrs (full charging) Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Store -50°C ~ 60°C Waterproof Camera & Cable water proof grade:IP67 Wiff Connection 2.4GWi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese	Camera	Diameter	Ø 17mm Ø 23mm				
Resoultion 1000 TV Lines Illumination 6pcs White LED 12pcs White LED Camera Head Interchangeable camera head 23mm &17mm switchable Cable Meterial Fiberglass Cable Length 20M ~ 100M Data Storage mage JPEG (640*480) Format Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Operating Time 6hrs ~ 8hrs (full charging) Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Store -50°C ~ 60°C Waterproof Waterproof Waterproof Camera & Cable water proof grade:IP67 Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese		F.O.V.					
Illumination 6pcs White LED 12pcs White LED		D.O.F.	Auto focus 2cm ~ 2meters Auto focus 3cm ~ 3 meters				
Camera Head Cable Meterial Length Data Storage Format Micro SD card, Support Maximum 32G Capacity Derating Time Power Supply Working Temperature Waterproof Waterproof Waterproof Waterproof Wifi Connection Meterial Fiberglass Cable Fiberglass Cable Fiberglass Cable AVI (640*480) AVI (640*480) AVI (640*480), 30fps Micro SD card, Support Maximum 32G 2V4AH, 4500 mAh Lithium-ion Battery 6hrs ~ 8hrs (full charging) Charger AC100V-240V / DC12.6V 1000mA -20°C ~ 60°C Store -50°C ~ 60°C Camera & Cable water proof grade: IP67 Wifi Connection Language Language Language Interchangeable camera head 23mm &17mm switchable Fiberglass Cable AVI (640*480) AVI (640*480)		Resoultion	1000 TV Lines				
Cable Meterial Length 20M ~ 100M		Illumination	6pcs White LED	12pcs White LED			
Length Data Storage Format Video AVI (640*480) Data Storage Data Storage Micro SD card, Support Maximum 32G Micro SD card, Support Maximum 32G Capacity Capacity Operating Time Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Working Temperature Working Camera & Cable water proof grade:IP67 Wifi Connection Video AVI (640*480) AVI (Camera Head		Interchangeable camera head 23mm &17mm switchable				
Length Data Storage mage Format Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Eapacity Operating Time Capacity Operating Time Temperature Working Temperature Working Camera & Cable water proof grade: IP67 Wifi Connection Wifi Connection Language Length 20M~100M AVI (640*480), 30fps Micro SD card, Support Maximum 32G 2V4AH, 4500 mAh Lithium-ion Battery 6hrs~8hrs (full charging) Charger AC100V-240V / DC12.6V 1000mA -20°C ~60°C Camera & Cable water proof grade: IP67 Vifi Connection English / French / German / Spanish / Japanese / Traditional Chinese	Cable	Meterial	Fiberglass Cable				
Format Video AVI (640*480), 30fps Data Storage Micro SD card, Support Maximum 32G Battery Operating Time 6hrs ~ 8hrs (full charging) Power Supply Charger AC100V-240V / DC12.6V 1000mA Temperature Vorking -20°C ~ 60°C Store -50°C ~ 60°C Waterproof Camera & Cable water proof grade: IP67 Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese		Length	20M ~ 100M				
Data Storage Battery Capacity Operating Time Charger AC100V-240V / DC12.6V 1000mA Temperature Working Store Camera & Cable water proof grade:IP67 Wifi Connection Micro SD card, Support Maximum 32G 2V4AH, 4500 mAh Lithium-ion Battery 6hrs ~ 8hrs (full charging) Charger AC100V-240V / DC12.6V 1000mA -20°C ~ 60°C Camera & Cable water proof grade:IP67 Vifi Connection Camera & Cable water proof grade:IP67 English / French / German / Spanish / Japanese / Traditional Chinese	Data Storage	mage	JPEG (640*480)				
Battery Capacity Operating Time Operation Operating Time Operation Ope	Format	Video	AVI (640*480), 30fps				
Power Supply Charger AC100V-240V / DC12.6V 1000mA Working Temperature Working -20°C ~ 60°C Store Camera & Cable water proof grade:IP67 Wifi Connection Language English / French / German / Spanish / Japanese / Traditional Chinese	Data Storage		Micro SD card, Support Maximum 32G				
Operating Time Charger AC100V-240V / DC12.6V 1000mA Temperature Working -20°C ~ 60°C Store Camera & Cable water proof grade:IP67 Wifi Connection Camera & Cable water proof grade:IP67 English / French / German / Spanish / Japanese / Traditional Chinese	Rattery	Capacity	2V4AH , 4500 mAh Lithium-ion Battery				
Temperature Store -20°C ~ 60°C -50°C ~		Operating Time	6hrs ~ 8hrs (full charging)				
Temperature Store -50°C ~ 60°C Waterproof Camera & Cable water proof grade: IP67 Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese	Power Supply		Charger AC100V-240V / DC12.6V 1000mA				
Waterproof Camera & Cable water proof grade: IP67 Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese	Temperature	Working	-20°C ~ 60°C				
Wifi Connection 2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting English / French / German / Spanish / Japanese / Traditional Chinese		Store	-50°C ~ 60°C				
English / French / German / Spanish / Japanese / Traditional Chinese	Waterproof						
Language	Wifi Connection		2.4GWi-Fi Connection. Support Android & IOS. Simultaneously Connecting				
SimplifiedChinese / Russian / Korean/ Polish/ Italian	Language		-				
	Language		SimplifiedChinese / Russian / Korean/ Polish/ Italian				

Related CJ9-145R Series



360° Panning Camera With 360° rotating camera controlled by the cell box, it will not miss any corner whenyou inspect some places hardto watch.

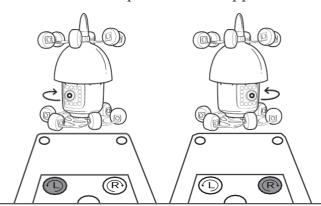


WiFi LCD 360° Panning Rotation Camera Sewer Drain Videoscope



Features

- 360° wide viewing angle. \bigstar
- 9 inches color TFT LCD monitor with sun-visor for outdoor inspections.
- 1000TVL high-definition resolution.
- waterproof IP68 #304 stainless steel camera
- 12V 4500mAh li-battery surpports approximate 6hrs of continuous use.
- Ø4.8mm fiberglass probe, anti-corrosion/coiled/tensile.
- WiFi LIVE inspection with app.





The waterproof IP68 #304 stainless steel camera mounted 18 pcs adjustable LEDs makes viewing more clearly in thedark and water logging environment.

Equip with 10 castors at both ends makes the camera easier and more convenient to slide in the pipeline.



Accessories

360°

- 1.Cell Box
- 2.Coil
- 3.ABS Box
- 4.Charger
- 5. Connecting Line
- 6.Monitor
- 7.Camera



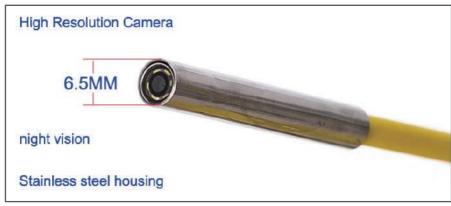


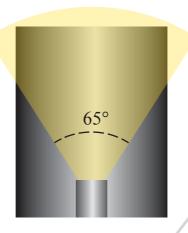
Features

- Ø6.5mm can adapt to smaller diameter pipes. ★
- 9 inches color TFT LCD monitor with a sun-visor for outdoor inspections.
- 1000TVL high-definition resolution.
- waterproof IP68 #304 stainless steel tip camera.
- 12V 4500mAh li-battery surpports approximate 6hrs of continuous use.
- Ø6.5mm fiberglass probe, anti-corrosion/coiled/tensile.
- WiFi LIVE inspection with app★

6.5mm Front Camera

Diameter 6.5 camera head can be passed through at least 8mm diameter tube. With six adjustable LEDs and a 65° viewing angle, it can still perform excellent inspection functions in smalland dark spaces.







Accessories

- 1.Aluminum Box
- 2.Camera Proteectrive Caase
- 3.Monitor
- 4.Charger
- 5.Cell box
- 6.Connecting Line
- 7.Coil
- 8.Camera



Related CJ9-42D Series



42mm Dual Lens Pipe Inspection CameraSewer Drain Videoscope

Features

- dual lens with 140° wide viewing angle. ★
- 9 inches color TFT LCD monitor with a sun-visor for outdoor inspections.
- 1200TVL high-definition resolution.
- waterproof IP68 #304 stainless steel tip camera.
- 12V 4500mAh li-battery surpports approximate 6hrs of continuous use.
- Ø4.8mm fiberglass probe, anti-corrosion/coiled/tensile.
- WiFi LIVE inspection with app.

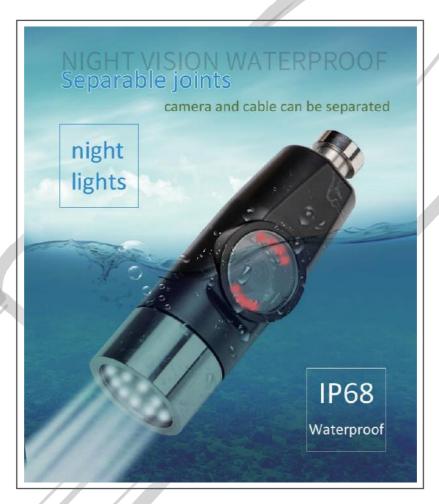


Dual Lens

The camera with two lenses and 12 front LED lights +8 side IR LED lights that can switch between front and side views at anytime, two kinds of light sources can adjust the lighting status to meet the environmental requirements to obtain a clear vision.





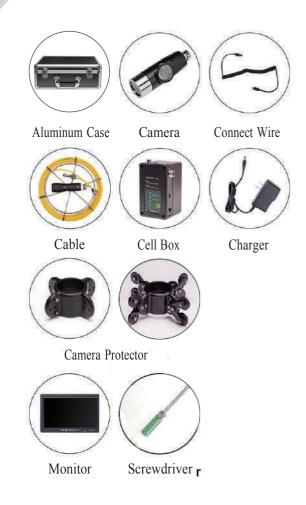


Product Size

The product comes with a retractable protector to prevent the lens from colliding.



Accessories



Series Number		CJ9-06 Series CJ9-17 Series		CJ9-23 series		
Display	LCD Monitor	9 inches color TFT LCD monitor with a sun-visor				
	Resoultion	1280 x 720 (720P)				
Camera	Diameter	Ø6.5mm		Ø17mm	Ø23mm	
	F.O.V.	65° Wide angle f		eld of view 110°		
	D.O.F.	Auto focus 1cm ~	8cm	Auto focus 2cm ~ 2meters	Auto focus 3cm ~ 3 meters	
	Resoultion	1000 TV Lines				
	Illumination	6	6pcs White LED		12pcs White LED	
Camera Head		Non Detacheab	le	Interchangeable camera l switc	nead 23mm & 17mm chable	
Cable	Meterial	Fiberglass Cable				
	Length	20M ~ 150M				
Data Storage	mage	JPEG (640*480)				
Format	Video	AVI (640*480), 30fps				
Data Storage		Micro SD card 8G, Support Maximum 32G				
Battery	Capacity	12V4AH, 4500 mAh Lithium-ion Battery				
	Operating Time	6hrs~8hrs (full charging)				
Power Supply		Charger AC100V-240V / DC12.6V 1000mA				
Temperature	Working	-20°C ~ 60°C				
	Store	-50°C ~ 60°C				
Waterproof		Camera & Cable water proof grade: IP68				
Wifi Connection		2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting				
Language		English / French / German / Spanish / Japanese / Traditional Chinese Simplified / Chinese / Russian / Korean/ Polish/ Italian				

Series Number		CJ9-42D	Series	CJ9-145R Series		
Display	LCD Monitor	9 inches color TFT LCD monitor with a sun-visor				
	Resoultion	1280 x 720 (720P)				
Camera	Diameter	Ø42mm		Ø145mm with wheel		
	F.O.V.	Wide angle field of view 140°		Wide angle field of view 110°		
	D.O.F.	Auto focus 2cm ~ 2meters				
	Resoultion	1200 TV Lines		1000 TV Lines		
	Illumination	12 front LED lights +8 side IR LED lights		18pcs White LED		
Camera Head		Detacheable camera head for self-replacement only,not support 17mm&23mm camera				
Cable	Meterial	Fiberglass Cable				
Cable	Length	20M ~ 150M				
Data Storage	mage	JPEG (640*480)				
Format	Video	AVI (640*480), 30fps				
Data Storage		Micro SD card 8G, Support Maximum 32G				
Battery	Capacity	12V4AH, 4500 mAh Lithium-ion Battery				
Dattery	Operating Time	6hrs~8hrs (full charging)				
Power Supply		Charger AC100V-240V / DC12.6V 1000mA				
Temperature	Working	-20°C ~ 60°C				
	Store	-30°C ~ 70°C		-50°C ~ 60°C		
Waterproof		Camera & Cable water proof grade: IP68				
Wifi Connection		2.4G Wi-Fi Connection. Support Android & IOS. Simultaneously Connecting				
Language		English / French / German / Spanish / Japanese / Traditional Chinese Simplified / Chinese / Russian / Korean/ Polish/ Italian				