

# UNDERWATER SEARCH CAMERA SYSTEM

Designed for use with our telescopic reach poles



The underwater camera system is an essential tool designed for professional rescue teams and inspection tasks, providing reliable and clear visual access to underwater environments.

Specifically engineered to be compatible with our telescopic reach poles, available in 4.5m, 6m, 9m, 15m, and 18m lengths, this system enables users to search or inspect underwater areas with precision and efficiency.

The camera system features a rechargeable battery that provides up to 6-8 hours of continuous use, ensuring uninterrupted operation during critical missions. For enhanced viewing capabilities, it includes a 7" colour monitor, complete with a digital video recorder, allowing footage to be captured and reviewed as needed. The 23mm camera head is fitted with a high-powered LED torch, providing bright, focused illumination that cuts through murky water and delivers crisp, colour-accurate images even at significant depths.



## FOR RESCUE PROFESSIONALS

### *Search & Rescue Teams*

Whether responding to floods, submerged vehicles, or drowning incidents, this camera system allows teams to quickly locate missing persons or hazards underwater. It provides a fast and safe way to assess the situation without the immediate need for divers.

### *Fire & Rescue Services*

In water-related emergencies, such as swift-water rescues or flood situations, this camera helps fire and rescue teams inspect submerged areas and structures, improving both their response time and operational safety.

### *Coastguard & Marine Rescue Units*

These teams frequently deal with sea rescues and underwater hazards. The camera system enables quick inspections of submerged areas, such as ship hulls, underwater debris, or sunken individuals, making it an essential tool for coastal or marine search operations.

### *Police Dive & Search Units*

When searching for evidence, submerged bodies, or objects in murky waters, police dive units can use this camera to assess conditions before deploying divers, reducing risk and ensuring a more efficient search.

### *Environmental & Conservation Agencies*

For teams investigating underwater environments, monitoring wildlife, or assessing pollution damage, the camera system offers a reliable method for inspecting submerged areas and infrastructure without disturbing ecosystems.

### *Port & Harbour Authorities*

Inspections of underwater infrastructure such as piers, hulls, or sunken objects can be conducted swiftly, ensuring the safety of vessels and preventing potential hazards in busy harbours or port areas.

### *Flood Response Units*

In flood emergencies, this system allows responders to inspect submerged vehicles, homes, or infrastructure, helping to locate individuals or assess the extent of damage, enabling a safer and more effective response.

### *Lifeguards & Water Safety Teams*

When faced with missing swimmers or underwater hazards, lifeguards can deploy the camera to inspect beneath the surface quickly and safely, improving rescue efforts in lakes, rivers, or coastal areas.



# WHATS INCLUDED



**UW Camera Housing**



**UW Camera & 20m Cable**



**7" DVR Monitor**



**Detachable Sunshade**



**Security Hand Strap**



**Monitor Mount**



**HDMI Output Cable**



**Input Output Cable Set**



**USB-C & AC/DC Charger**



**17.9L Storage Case**

This versatile camera system is designed for rapid deployment and ease of use, providing rescue professionals with a crucial tool for underwater inspections and searches. It significantly improves the ability to make informed decisions, increasing the chances of a successful rescue or recovery operation.

This Telescopic Underwater Rescue Camera System is an invaluable tool for various rescue professionals, offering clear visual access to underwater environments without the immediate need to deploy divers. The system is specifically designed to enhance safety, speed, and efficiency in rescue operations.

## FEATURES

- Submersible camera for use with our rugged telescopic poles.
- A bright LED torch illuminates murky waters to aid you in searches.
- Ideal for searching/inspecting underwater areas.
- Fully portable and easy to use.
- Colour monitor with record facility.
- Outstanding quality and durability.
- For daily use in tough conditions.
- Powerful, rechargeable lithium-ion battery.
- Displays its findings via a clear touch screen.

## IDEAL FOR PROFESSIONAL USE

- Underwater search & rescue teams.
- Boat inspection.
- Harbour wall or marina inspections.
- Tank inspections.
- Underwater safety inspections.
- Fish farm maintenance & observation.
- Marine surveyors and engineers.







## 4K HD TABLET MONITOR

Capable of taking high-resolution images at up to 32MP and recording 4K video. Expertly designed for synchronisation, it supports both AHD or TVI and CVBS video inputs, ensuring audio and video alignment for a seamless experience.

The user can operate it through screen touch or buttons. This monitor adopts a 7-inch HD touch screen and a waterproof and dust-proof design.

Four protective corners and an adjustable wrist belt design is easy to hold. In addition, the battery can be removed to support separate charging and the monitor can be easily mounted to a reach pole.

**Display:** 7.0 inch  
**Screen resolution:** 1280\*800 px  
**Touch screen:** capacitive touch screen

**Video recording**  
 4K(16:9): 3840x2160  
 2K(4:3): 2560x1944  
 2K(16:9): 2560x1440  
 1080p(16:9): 1920X1080

**Video input**  
 2K 25fps/30fps,  
 1080P 25fps/30fps,  
 720P 25fps/30fps,  
 CVBS PAL, CVBS NTSC

**Video format:** MP4  
**Photo:** 32MP, 12MP, 8MP, 4MP, 2MP  
**Video Output:** (16:9) HDMI 1080P  
**Compression mode:** H. 264 video compression  
**Audio input/output:** 1.0Vp-p (20Hz-20KHz)  
**Speaker Output:** 1W  
**Camera LED Control:** PWN  
**File System Support:** FAT32  
**Memory card:** TF card 2GB-256GB

**Language:** Chinese, English, German, French, Korean, Russian, Japanese, etc.  
**WiFi Protocol:** 802.11 a/b  
**WiFi Channel:** 2.4000-2.4835Ghz  
**WiFi power:** <16dBm  
**Power Supply:** DC 12V/2.5A  
**Lithium battery capacity:** 37.0Wh  
**Maximum charging power:** 15W  
**Working hours:** 6-8 Hours  
**Operating temperature:** -20C to 50C  
**Waterproof grade:** IP65  
**Size:** L\*W\*H 211\*141\*28mm  
**Weight:** 0.8kg





## UNDERWATER SEARCH AND INSPECTION CAMERA

An essential tool in rescue operations, providing visibility in low-light or murky water conditions, where visibility is often poor. This camera is designed to be rugged and waterproof, enabling rescue teams to conduct searches effectively, assess submerged areas, and potentially locate victims or hazards without putting divers at immediate risk.

Water pressure: 50m  
Rated: IP68 waterproof

### 5MP Sony Image Sensor

Lens window: sapphire crystal  
Lens view: 140° wide angle  
Camera housing: 316 stainless steel, anti corrosion  
Signal system: PAL/NTSC  
Effective pixels: 2560(H)\*1440(V)  
Min. illumination: colour 0.001Lux@F1.2  
Light source: 12pcs LED/IR (default LED)  
Focus distance: 5-1000cm  
Shutter time: 1/25(1/30) s to 1/50,000 s



### Camera

HD video output: 1080P, default AHD (CVBS option)  
Video output: 1.1Vp-p composite output (75 Ω/BNC)  
Housing: stainless steel, anti-corrosion  
Signal-to-noise ratio: 65dB  
White balance: auto  
Power supply: DC12V (supplied by monitor)  
Power consumption: 1W max  
Dimensions:  $\Phi 23 \times 53$ mm



The camera is compatible with our specially designed camera houses that attached to the top of Northern Diver's reach poles.

### Cable

Thickness: 5.0mm  
Cores: 12  
Length: 20m



## AN ESSENTIAL TOOL FOR PROFESSIONAL RESCUE TEAMS, PROVIDING RELIABLE AND CLEAR VISUAL ACCESS TO UNDERWATER ENVIRONMENTS.

Designed with user-friendliness and safety at the forefront, the system is lightweight and simple to operate. The cable, neatly integrated within the telescopic pole, moves freely as the pole extends or retracts, ensuring tangle-free operation. The camera head is fully adjustable, offering a full 360-degree range of motion, giving operators complete control over their search and inspection, even in challenging or confined underwater environments.



Supplied in a durable and lightweight protective case, the underwater camera system is built for maximum protection during transport and storage, ensuring it remains in peak condition for every use. Its rapid deployment capability, combined with ease of use, makes it a must-have piece of equipment for any team involved in underwater rescue or inspection work.

### DESCRIPTION

POLE ACCESSORIES

STOCK CODES

REACH POLE-CAMERA

### EMAIL

[rescue@ndiver.com](mailto:rescue@ndiver.com)

### CALL

+44 (0)1257 25 44 44

### VISIT

Appley Lane North  
Appley Bridge  
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Lancashire  
WN6 9AE  
United Kingdom

### SHOP

[www.ndiver-rescue.com](http://www.ndiver-rescue.com)