

# Water Well Cameras

## General information about Bore Hole Camera Water Well Cameras with Dual View Inspection Camera AD-T2061REC

### The Features:

- ✓ Ø75mm dual camera head, one 360 degree rotation side view camera, one down view panoramic camera, stainless steel CCD camera, 700TVL
- ✓ IP68 waterproof ,up to 150 Bars(15 MPA)
- ✓ 100-700m cable with electric winch
- ✓ Depth sensor, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset
- ✓ 7inch LCD display (12inch optional)
- ✓ DVR control box with video recording function
- ✓ 8G SD card(max 32G) to storage video
- ✓ Power supply: AC220V



## Other features:

- This Water Well Downhole/ Borehole Camera is a great combination of modern technology and affordable price.
- It is well suited for inspecting various reservoirs, wells, borehole, shafts, pipes, tanks and other objects from the top down.
- It is equipped with Ø75mm dual camera head.
- The Ø75mm dual camera head enabling operators to receive a complete detailed image of the inspection area, the camera head is with 2 cameras, one side view camera and one down view camera which support 360 pan rotation side view and panoramic down view.
- The Ø75mm dual camera is equipped with CCD sensors and 16pcs high-output long-lasting LED light allowing for capturing bright and detailed images even in poor lighting environments.
- The downhole camera head housing is IP68 waterproof and withstand pressure up to 150 bar in water.
- The Downhole Camera features a compact control unit with a high-resolution 7" LCD display(12" optional).
- The inspection process can be viewed on the display right on site, captured as video files. All data can be saved on 8G SD card(Maximum 32G).
- The user-friendly interface offers various operation features, such as, the depth sensor, the winch operating knob, rotation control and so on.
- The system works with Ø7.2mm modified polypropylene cables(it can bear 280KG) of different lengths (from 100m to 700m) that can be securely coiled on an electric operated reel.
- The motorized winch allowing for winding the cable up and down with different speeds(when 220V power supply), and the winch also can control by hand.
- Besides inspection findings, users can view depth, the depth accuracy reach to 0.05m and it supports depth reset.
- The downhole camera works on a conventional AC220V power supply.
- The winch can be operated by power, when it is 220V power supply, and the winch should be operated by hand when it is 12V



## Technical Specifications of the device:

### Features:

- Ø75mm dual camera head, one 360 degree rotation side view camera, one down view panoramic camera, stainless steel CCD camera, 700TVL
- IP68 waterproof ,up to 150 Bars(15 MPA)
- 100-700m soft cable with electric winch
- Depth sensor, the depth shows on the display, the depth accuracy: 0.05m and it supports depth reset
- 7inch LCD display (12inch optional)
- DVR control box with video recording function
- 8G SD card(max 32G) to storage video
- Power supply: AC220V

### Ø75mm Dual Camera Head:

- Ø75mm dual camera head, one 360 degree rotation side view camera, one down view panoramic camera
- CCD camera, 700TVL
- Camera window: Explosion-proof optical acrylic glass
- Pan 360° rotate endless
- Waterproof IP68 Operating depth 150 bars (15 MPA)
- Camera Material: 304 stainless steel
- Camera Lens Material: Explosion-proof optical glass
- Sensor resolution: PAL 720H×576V NTSC 720H×480V
- Camera LED: Front 8 pcs, Rear 8 pcs high bright LED

### Ø50mm Dual Camera Head (optional):

- Ø50mm dual camera head, one 360 degree rotation side view camera, one down view panoramic camera
- CCD camera, 700TVL
- Camera window: Explosion-proof optical acrylic glass
- Pan 360° rotate endless
- Waterproof IP68 Operating depth 150 bars (15 MPA)
- Camera Material: 304 stainless steel
- Camera Lens Material: Explosion-proof optical glass
- Sensor resolution: PAL 720H×576V NTSC 720H×480V
- Camera LED: Front 12 pcs, Rear 24 pcs high bright LED



### **The Display:**

- 7" LED display, 291\*251\*48mm (12inch optional)
- Display model 4:3
- Contrast Ratio: 400: 1
- Brightness: 450cd / m
- Resolution: 1024 × 768
- Power: DC 12V
- Color System: PAL / NTSC / SECAM

### **Control Part:**

- Input voltage: 220V
- Depth Interface: Connect depth sensor
- Probe Interface: Connect the probe, transmit video and power
- Data Interface: Write their own wells pound, self-calibration depth
- Winch operating knob(adjusting speed,cable up and down, brake)
- Camera rotation control button
- LED brightness control button
- HD DVR Video record
- Video storage Medium: 8G SD card(Max 32G) the depth reset

### **Manual & Electric Winch:**

- Manual & Electric winch
- Winding speed:0~20m/min
- Cable speed adjustable
- $\Phi$ 7.2mm polypropylene cable (100m-700m option)
- Power supply: AC220V
- The winch can be operated by power, when it is 220V power supply, and the winch should be operated by hand when it is 12V or when the power is insufficient.
- Master box tray: stainless steel tray, removable and easy to transport
- Pulley: Pulley is with depth sensor, the depth sensor can be used when it is connected with the main control box
- Pulley support rods: retractable pulley rod, removable, the winch is equipped
- a hydraulic rod to prevent the strut shaking when working

### **Other Accessories:**

- One Manual, a set of connecting cables, 5 pcs seals, a set of wearing parts

### **About the packing:**

- 2 pcs package, wooden box
- Packing size: 64 \* 60 \* 68cm & 55 \* 55 \* 42cm
- Weight: 110KG

