

Borehole Imaging Devices

General information about Borehole Geophysical Survey Optical Borehole Imager Televiewer Borehole Imaging Devices AD-W2075REC

The Features:

- ✓ Ø90mm PT camera head, pan 360 degree rotation, tilt 180degree rotation, stainless steel CCD camera, 720TVL
- ✓ IP68 waterproof ,up to 150 Bars(15 MPA)
- ✓ 100m soft cable with manual cable reel
- ✓ 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 /pictures
- ✓ Power supply: AC220V
- ✓ 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 Ø90mm PT camera head. The Ø90mm PT camera head enabling operators to receive a complete detailed image of the inspection area, the camera head supports 360 pan rotation and 180 tilt rotation.



Other features:

- The Ø90mm PT camera is equipped with CCD sensors and 24pcs 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 snap shots in JPEG format, or 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 Ø6.5mm cables of 100m lengths that can be securely coiled on an manual winch, the winch can be controlled 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



Technical specification of the device:

Features:

- Ø90mm PT camera head, pan 360 degree rotation, tilt 180degree rotation Dia.
- 90mm stainless steel CCD camera, 700TVL
- IP68 waterproof ,up to 150 Bars(15 MPA)
- 100m polypropylene cable with manual 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 /audio files/pictures
- Power supply: AC220V

PT Camera Head:

- Ø90mm PT camera head, pan 360 degree rotation, tilt 180degree rotation
- CCD camera, 700TVL
- Pan 360° rotate endless, tilt 180°
- 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 16 pcs high bright LED

Panoramic Camera (Optional):

- Ø70mm panoramic camera head
- CCD camera, 700TVL
- Camera: Split galvanized iron probe, easy to dismantle
- Camera lens: wear anti-reflective resin sheet
- Waterproof IP68 Operating depth 150 bars (15 MPA)
- Lens Angle view: 130 degree wide-angle
- Camera Light: 12 high brightness LED cold light LED
- Sensor resolution: PAL 720H×576V NTSC 720H×480V

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 / (24V / 12V optional)
- 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 & playback
- Video storage Medium: 8G SD card (Max 32G)
- the depth reset

Manual Cable Reel:

- Manual cable reel with wheels
- $\Phi 6.5$ mm soft cable (100m)
- Power supply: AC220V
- Pulley: Pulley is with depth sensor, the depth sensor can be used when it is connected with the main control box

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

